aiwa

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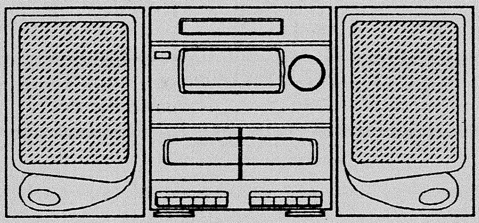
SERVICE

NSX-V8
CX-NV8



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM:TN-591SW-103
- BASIC CD MECHANISM:3ZG-3 A1N

- TYPE:HE(NSX-V8),EEZ(CX-NV8)

SERVICE MANUAL

REVISION PUBLISHING

- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" (S/M Code No. 09-955-103-40T).

SYSTEM	CD-CASSEIVER	REMOTE CONTROLLER	SPEAKERS
NSX-V8	CX-NV8	RC-TN270	SX-NV8

S/M Code No. 09-956-103-50T

SPECIFICATIONS

<FM section>

Frequency range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	Except EZ, EEZ: 1.3 µV (75 ohms) 13.2 dBf EZ, EEZ: 1.9 µV (75 ohms) 16.8 dBf
Alternate channel selectivity	50 dB (±400 kHz)
Signal-to-noise ratio	STEREO: 70 dB (Except EZ, EEZ) 65 dB (EZ, EEZ) MONO: 76 dB (Except EZ, EEZ) 73 dB (EZ, EEZ)
Harmonic distortion	0.3 % (MONO), 1 kHz 0.5 % (STEREO, L-R), 1 kHz
Frequency response	30 Hz to 15 kHz (+0.5 dB, – 3 dB)
Stereo separation	Except EZ, EEZ: 33 dB at 1 kHz EZ, EEZ: 30 dB at 1 kHz
Antenna	75 ohms (unbalanced)

<AM (MW) section>

Frequency range	AM 531 (530) kHz to 1602 (1710) kHz
Usable sensitivity	350 µV/m
Selectivity	22 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

<LW section > (EEZ model only)

Frequency range	144 kHz to 290 kHz
Sensitivity	1400 µV/m
Antenna	Loop antenna

<Timer section>

Program timer	On-timer, capable of free setting
Sleep timer	Capable of setting in 10-minute increments, 240 minutes maximum

<Amplifier section>

Power output	HE: 20 W + 20 W (6 ohms, T.H.D. 10% 1 kHz) EEZ: Rated 16 W + 16 W (6 ohms, T.H.D. 1% 1 kHz/DIN 45500) Reference 20 W + 20 W (6 ohms, T.H.D. 10% 1kHz/DIN 45324) DIN MUSIC POWER 42 W + 42 W
Harmonic distortion	HE: 0.07% (10 W, 1 kHz, 6 ohms) EEZ: 0.07% (8 W, 1 kHz, 6 ohms)
Input sensitivity	VIDEO/AUX: 400 mV

<Cassette deck section>

Track format	4 tracks, 2 channels
Frequency response	Normal tape: 50 – 15000 Hz
Tape speed	4.8 cm/sec. ($1^{7}/_{8}$ ips)
Recording system	AC bias
Erasure system	AC erase
Motor	DC servomotor × 1
Heads	Playback head × 1 (deck 2) Recording/playback × 1 (deck 1) Erasure head × 1 (deck 1)

<CD player section>

Disc	Compact disc
Scanning method	Non-contact optical scanner (semiconductor laser application)
Laser	Semiconductor laser ($\lambda = 780$ nm)
Rotation speed	Approx. 500 rpm – 200 rpm (CLV)
Error correction	Cross Interleave, Reed Solomon code
No. of channels	2 channels
D/A converter	1 bit dual
Wow/flutter	Unmeasurable
Signal-to-noise ratio	90 dB (1 kHz, 0 dB)
Harmonic distortion	0.05% (1 kHz, 0 dB)

SPEAKER SYSTEM SX-N400

(These values are for one speaker.)

Cabinet type	3 way, bass reflex (magnetism sealed type)
Speaker	130 mm ($5^{1}/_{8}$ in.) cone type woofer 50 mm (2 in.) cone type tweeter 20 mm ($^{13}/_{16}$ in.) ceramic type super tweeter
Impedance	6 ohms
Music power	40 W
Output sound pressure level	87 dB/W/m
Dimensions (W × H × D)	180 × 302 × 220 mm ($7^{1}/_{8}$ × 12 × $8^{3}/_{4}$ in.)
Weight	2.6 kg (5 lbs. 12 oz)

COMMON SECTION

Power requirements	HE: AC 120 V/220-240 V, switchable 50/60 Hz EEZ: AC 230 V, 50 Hz
Power consumption (System total)	HE: 45 W EEZ: 110 W
Dimensions (W × H × D)	Main unit: 260 × 302.5 × 340 mm ($10^{1}/_{4}$ × 12 × $13^{1}/_{2}$ in.) System: 620 × 302.5 × 340 mm ($24^{1}/_{2}$ × 12 × $13^{1}/_{2}$ in.)
Weight	Main unit: 6 kg (13.2 lb.) System: 11.2 kg (24.64 lb.)

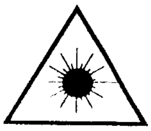
- Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserståling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserståling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

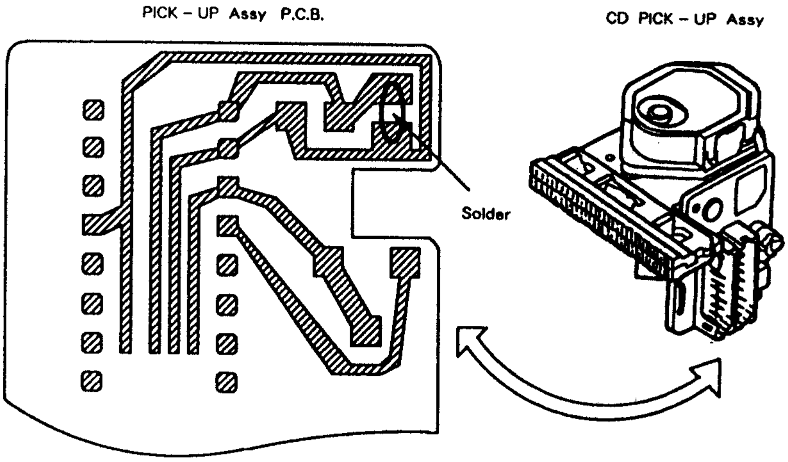
This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Precaution to replace Optical block (KSS-210A)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.



ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	87-017-745-010		IC,CXA1782BQ
	87-070-130-010		IC,CXD2507AQ
	87-017-486-080		IC,BA6397FP
	87-017-429-080		IC,TDA1311A(T)
	87-001-982-010		IC,TA7291S
	83-NEA-630-010		IC,UPD78043GF-057
	87-017-373-010		IC,NJH32H380A
	87-020-899-010		IC,STK4122-MK2
	87-020-758-010		IC,NJM2068SD
	87-002-727-010		IC,NJM4558L
	87-001-607-080		IC,NJM4558M
	87-017-448-010		IC,GD4052B
	87-002-272-080		IC,TC4052BF
	87-017-374-010		IC,TC4094BP
	82-NF7-635-080		IC,M65830AFP<HE>
	87-002-607-010		IC,LM7001
	87-017-434-010		IC,KIA6043S
	87-001-942-010		IC,LA1265S (G)
TRANSISTOR			
	87-026-463-080		TR,2SA933S (RS)
	89-113-187-880		TR,2SA 1318 TU
	87-026-237-080		C-TR,DTC124XK
	89-327-124-080		C-TR,2SC2712Y
	89-109-521-080		TR,2SA952K
	87-026-233-080		C-TR,DTA114TK
	89-213-702-010		TR,2SB1370E
	89-332-665-080		TR,2SC3266GR
	89-318-155-080		TR,2SC1815GR
	89-327-125-080		C-TR,2SC2712GR
	89-333-266-080		C-TR,2SC3326B
	87-026-226-080		C-TR,DTA143EK
	87-026-232-080		C-TR,DTA144WK
	87-026-210-080		C-TR,DTC144EK T147
	89-502-466-080		FET 2SK246-BL (TPE2)
	89-111-625-080		C-TR,2SA1162GR
	89-110-155-080		TR,2SA1015GR
	89-333-317-080		TR,2SC3331T
	89-109-705-080		TR,2SA970GR<EEZ>
	87-026-224-080		C-TR,DTC143XK
	89-502-464-080		FET,2SK246Y
	89-318-154-080		TR,2SC1815Y
	87-026-214-080		TR,DTA114YS
	89-327-143-080		C-TR,2SC2714 (O)
	89-503-025-080		C-FET,2SK302 GR
	89-502-115-080		C-FET,2SK211GR<EEZ>
	89-502-114-580		C-FET,2SK211Y GR<EEZ>
DIODE			
	87-020-465-080		DIODE,1SS133
	87-027-286-080		ZENER,HZ5C1
	87-002-225-010		DIODE,DBF 40C-K10
	87-017-011-080		DIODE,LT 1N4003L
	87-002-836-080		DIODE,1A3-J
	87-020-027-080		C-DIODE,1SS184
	87-017-173-080		ZENER,HZS11A2L
	87-017-144-080		ZENER,HZS24 2
	87-001-731-080		ZENER,HZS6C2L
	87-017-091-080		ZENER,HZS5C1
	87-001-290-080		ZENER,HZS6B1L
MAIN C.B			
BFP731	82-794-697-010		FILTER ANTI BIRDIE<EEZ>
BPF831	87-030-105-010		FLTR,BPMB6A<EEZ>
C101	87-010-398-090		CAP,E 2200-35V
C102	87-010-399-090		CAP,E 3300-35 SME
C104	87-010-980-080		CAP,E 330-16 FS
C105	87-010-101-080		CAP,E 220-16 SME
C106	87-010-247-080		CAP,E 100-50 SME
C107	87-010-384-080		CAP,E 100-25 SME
C108	87-010-384-080		CAP,E 100-25 SME
C109	87-010-263-080		CAP,E 100-10 SME 5X11
C110	87-010-263-080		CAP,E 100-10 SME 5X11
C112	87-010-260-080		CAP,E 47-25 SME
C113	87-010-403-080		CAP,E 3.3-50 SME
C115	87-012-368-080		C-CAP,S 0.1-50F
C116	87-012-140-080		C-CAP,S 470P-50 CH
C118	87-012-368-080		C-CAP,S 0.1-50F
C213	87-010-404-080		CAP,E 4.7-50 SME
C214	87-010-404-080		CAP,E 4.7-50 SME
C215	87-010-175-080		C-CAP,S 560P-50 SL
C216	87-010-175-080		C-CAP,S 560P-50 SL
C217	87-010-546-080		CAP,E 0.33-50 SME
C218	87-010-546-080		CAP,E 0.33-50 SME
C219	87-010-263-080		CAP,E 100-10 SME 5X11<EEZ>
C220	87-010-263-080		CAP,E 100-10 SME 5X11<EEZ>
C221	87-010-402-080		CAP,E 2.2-50 SME
C222	87-010-402-080		CAP,E 2.2-50 SME
C223	87-010-374-080		CAP,E 47-10
C224	87-010-374-080		CAP,E 47-10
C225	87-010-260-080		CAP,E 47-25 SME
C226	87-010-260-080		CAP,E 47-25 SME
C227	87-010-196-080		C-CAP,S 0.1-25 F
C228	87-010-196-080		C-CAP,S 0.1-25 F
C229	87-012-361-080		C-CAP,S 0.056-25 Y
C230	87-012-361-080		C-CAP,S 0.056-25 Y
C231	87-018-203-080		CAP,TC-U 8200P-16 Y<EEZ>
C232	87-018-203-080		CAP,TC-U 8200P-16 Y<EEZ>
C236	87-010-408-080		CAP,E 47-50 SME
C237	87-010-197-080		C-CAP,S 0.01-25 B<EEZ>
C238	87-010-197-080		C-CAP,S 0.01-25 B<EEZ>
C243	87-010-154-080		C-CAP,S 10P-50 CH
C244	87-010-154-080		C-CAP,S 10P-50 CH
C250	87-010-404-080		CAP,E 4.7-50 SME
C303	87-012-140-080		C-CAP,S 470P-50 CH
C304	87-012-140-080		C-CAP,S 470P-50 CH
C305	87-010-189-080		C-CAP,S 8200P-50 B
C306	87-010-189-080		C-CAP,S 8200P-50 B
C310	87-010-197-080		C-CAP,S 0.01-25 B
C311	87-010-426-080		C-CAP,S 0.012-25 B
C312	87-010-426-080		C-CAP,S 0.012-25 B
C313	87-010-192-080		C-CAP,S 0.022-50 F
C351	87-012-154-080		C-CAP,S 150P-50 CH
C352	87-012-154-080		C-CAP,S 150P-50 CH
C353	87-012-157-080		C-CAP,S 330P-50 CH
C354	87-012-157-080		C-CAP,S 330P-50 CH
C355	87-010-260-080		CAP,E 47-25 SME
C357	87-010-189-080		C-CAP,S 8200P-50 B
C358	87-010-189-080		C-CAP,S 8200P-50 B
C361	87-010-197-080		C-CAP,S 0.01-25 B
C362	87-010-197-080		C-CAP,S 0.01-25 B
C363	87-010-213-080		C-CAP,S 0.015-25 B
C364	87-010-213-080		C-CAP,S 0.015-25 B
C365	87-010-192-080		C-CAP,S 0.022-50 F
C366	87-010-197-080		C-CAP,S 0.01-25 B
C401	87-010-402-080		CAP,E 2.2-50 SME
C402	87-010-402-080		CAP,E 2.2-50 SME
C403	87-010-182-080		C-CAP,S 2200P-50 B
C404	87-010-182-080		C-CAP,S 2200P-50 B
C405	87-010-197-080		C-CAP,S 0.01-25 B
C406	87-010-197-080		C-CAP,S 0.01-25 B
C407	87-010-401-080		CAP,E 1-50 SME
C408	87-010-401-080		CAP,E 1-50 SME
C409	87-010-180-080		C-CAP,S 1500P-50 B
C410	87-010-180-080		C-CAP,S 1500P-50 B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C411	87-010-186-080		C-CAP,S 4700P-50 B
C412	87-010-186-080		C-CAP,S 4700P-50 B
C421	87-010-177-080		C-CAP,S 820P-50 SL
C422	87-010-177-080		C-CAP,S 820P-50 SL
C451	87-012-158-080		C-CAP,S 390P-50 CH
C452	87-012-158-080		C-CAP,S 390P-50 CH
C453	87-010-178-080		C-CAP,S 1000P-50 B
C455	87-010-178-080		C-CAP,S 1000P-50 B<EEZ>
C456	87-010-385-080		CAP,E 220-25 SME
C457	87-010-197-080		C-CAP,S 0.01-25 B
C458	87-010-183-080		C-CAP,S 2700P-50 B
C459	87-010-183-080		C-CAP,S 2700P-50 B
C460	87-010-183-080		C-CAP,S 2700P-50 B
C470	87-010-196-080		C-CAP,S 0.1-25 F
C501	87-010-401-080		CAP,E 1-50 SME
C502	87-010-401-080		CAP,E 1-50 SME
C503	87-010-179-080		C-CAP,S 1200P-50 B
C504	87-010-179-080		C-CAP,S 1200P-50 B
C505	87-012-142-080		C-CAP,S 0.33-16 F
C506	87-012-142-080		C-CAP,S 0.33-16 F
C507	87-010-180-080		C-CAP,S 1500P-50 B
C508	87-010-180-080		C-CAP,S 1500P-50 B
C509	87-010-371-080		CAP,E 470-6.3
C517	87-010-154-080		C-CAP,S 10P-50 CH
C518	87-010-154-080		C-CAP,S 10P-50 CH
C570	87-010-193-080		C-CAP,S 0.033-25 F
C571	87-010-193-080		C-CAP,S 0.033-25 F
C572	87-010-220-080		C-CAP,S 0.018-25 B
C573	87-010-196-080		C-CAP,S 0.1-25 F
C590	87-010-196-080		C-CAP,S 0.1-25 F
C592	87-010-404-080		CAP,E 4.7-50 SME
C593	87-010-404-080		CAP,E 4.7-50 SME
C594	87-010-404-080		CAP,E 4.7-50 SME
C595	87-010-112-080		CAP,E 100-16
C628	87-010-260-080		CAP,E 47-25 SME
C636	87-010-404-080		CAP,E 4.7-50 SME
C700	87-010-221-080		CAP,E 470-10
C701	87-010-384-080		CAP,E 100-25 SME
C702	87-010-404-080		CAP,E 4.7-50 SME
C703	87-010-197-080		C-CAP,S 0.01-25 B
C705	87-010-248-080		CAP,E 220-10 SME
C706	87-010-197-080		C-CAP,S 0.01-25 B
C707	87-010-197-080		C-CAP,S 0.01-25 B
C708	87-010-197-080		C-CAP,S 0.01-25 B
C710	87-010-312-080		C-CAP,S 15P-50 CH
C711	87-010-213-080		C-CAP,S 0.015-25 B
C712	87-010-213-080		C-CAP,S 0.015-25 B
C715	87-010-179-080		C-CAP,S 1200P-50 B
C716	87-010-179-080		C-CAP,S 1200P-50 B
C719	87-010-196-080		C-CAP,S 0.1-25 F
C720	87-012-154-080		C-CAP,S 150P-50 CH
C721	87-010-401-080		CAP,E 1-50 SME
C722	87-010-401-080		CAP,E 1-50 SME
C723	87-010-405-080		CAP,E 10-50 SME
C724	87-014-057-080		CAP,PP 1000P-100 J
C725	87-010-401-080		CAP,E 1-50 SME
C726	87-010-403-080		CAP,E 3.3-50 SME
C727	87-010-248-080		CAP,E 220-10 SME
C728	87-010-402-080		CAP,E 2.2-50 SME<EEZ>
C729	87-010-402-080		CAP,E 2.2-50 SME<EEZ>
C731	87-010-197-080		C-CAP,S 0.01-25 B
C732	87-010-197-080		C-CAP,S 0.01-25 B
C734	87-010-322-080		C-CAP,S 100P-50 CH
C741	87-010-402-080		CAP,E 2.2-50 SME
C742	87-012-157-080		C-CAP,S 330P-50 CH<HE>
C742	87-012-158-080		C-CAP,S 390P-50 CH<EEZ>
C743	87-010-382-080		CAP,E 22-25 SME
C744	87-010-197-080		C-CAP,S 0.01-25 B
C745	87-010-197-080		C-CAP,S 0.01-25 B
C746	87-010-401-080		CAP,E 1-50 SME

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C747	87-010-197-080		C-CAP,S 0.01-25 B
C748	87-010-404-080		CAP,E 4.7-50 SME
C749	87-010-405-080		CAP,E 10-50 SME
C750	87-010-544-080		CAP,E 0.1-50
C751	87-010-403-080		CAP,E 3.3-50 SME
C752	87-010-197-080		C-CAP,S 0.01-25 B
C753	87-015-632-080		C-CAP,0.015-50 BK
C754	87-010-260-080		CAP,E 47-25 SME
C755	87-010-401-080		CAP,E 1-50 SME
C756	87-010-197-080		C-CAP,S 0.01-25 B
C802	87-010-154-080		C-CAP,S 10P-50 CH<HE>
C802	87-010-312-080		C-CAP,S 15P-50 CH<EEZ>
C804	87-010-151-080		C-CAP,S 7P-50 CH<HE>
C805	87-010-147-080		C-CAP,S 3P-50 CH<EEZ>
C805	87-010-150-080		C-CAP,S 6P-50 CH<HE>
C806	87-010-145-080		C-CAP,S 1P-50 CH<HE>
C806	87-010-148-080		C-CAP,S 4P-50 CH<EEZ>
C807	87-010-154-080		C-CAP,S 10P-50 CH<HE>
C807	87-010-315-080		C-CAP,S 27P-50 CH<EEZ>
C808	87-010-322-080		C-CAP,S 100P-50 CH
C809	87-010-197-080		C-CAP,S 0.01-25 B
C810	87-010-197-080		C-CAP,S 0.01-25 B
C811	87-010-149-080		C-CAP,S 5P-50 CH
C812	87-010-313-080		C-CAP,S 18P-50 CH
C813	87-010-197-080		C-CAP,S 0.01-25 B
C814	87-010-197-080		C-CAP,S 0.01-25 B
C818	87-010-197-080		C-CAP,S 0.01-25 B
C819	87-010-197-080		C-CAP,S 0.01-25 B
C820	87-010-260-080		CAP,E 47-25 SME
C821	87-010-197-080		C-CAP,S 0.01-25 B
C822	87-010-197-080		C-CAP,S 0.01-25 B<HE>
C823	87-010-197-080		C-CAP,S 0.01-25 B
C826	87-010-197-080		C-CAP,S 0.01-25 B
C827	87-010-145-080		C-CAP,S 1P-50 CH<EEZ>
C830	87-010-197-080		C-CAP,S 0.01-25 B
C831	87-010-154-080		C-CAP,S 10P-50 CH<EEZ>
C831	87-010-151-080		C-CAP,S 7P-50 CH<HE>
C832	87-010-314-080		C-CAP,S 22P-50 CH<EEZ>
C833	87-018-134-010		CAP,TC-U 0.01-16 Y
C834	87-010-154-080		C-CAP,S 10P-50 CH<EEZ>
C835	87-010-154-080		C-CAP,S 10P-50 CH
C836	87-010-312-080		C-CAP,S 15P-50 CH
C837	87-010-312-080		C-CAP,S 15P-50 CH
C840	87-010-197-080		C-CAP,S 0.01-25 B
C843	87-010-146-080		C-CAP,S 2P-50 CH
C850	87-010-197-080		C-CAP,S 0.01-25 B<EEZ>
C851	87-010-197-080		C-CAP,S 0.01-25 B<EEZ>
C852	87-012-368-080		C-CAP,S 0.1-50F
C941	87-010-197-080		C-CAP,S 0.01-25 B<EEZ>
C944	87-010-154-080		C-CAP,S 10P-50 CH<EEZ>
C944	87-010-311-080		C-CAP,S 12P-50 CH<HE>
C945	87-014-050-080		CAP,PP 510P-100 J<EEZ>
C946	87-010-401-080		CAP,E 1-50 SME
C947	87-010-154-080		C-CAP,S 10P-50 CH<EEZ>
C949	87-010-196-080		C-CAP,S 0.1-25 F
C950	87-010-322-080		C-CAP,S 100P-50 CH
C983	87-010-544-080		CAP,E 0.1-50
C990	87-010-197-080		C-CAP,S 0.01-25 B
CF741	82-794-670-010		BFU 450C4N
CF801	82-799-621-010		CF MS2-A<EEZ>
CF801	87-008-261-010		FLTR,SFE10.7MA5-A<HE>
CF802	87-008-261-010		FLTR,SFE10.7MA5-A
CF803	87-008-261-010		FLTR,SFE10.7MA5-A<EEZ>
D801	87-002-730-010		VARI-CAP,SVC203SPA
D802	87-002-730-010		VARI-CAP,SVC203SPA
D803	87-002-730-010		VARI-CAP,SVC203SPA
D804	87-002-730-010		VARI-CAP,SVC203SPA<EEZ>
J250	87-049-855-010		JACK,6.3 W/S
J254	87-033-226-010		TERMINAL,SP 4P (JT)<HE>
J254	87-033-227-010		TERMINAL,SP 4P R (Z)<EEZ>

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
J652	80-MT3-616-010		JACK,PIN 2P
J801	81-631-646-010		ANT TERM 2P PAL<EEZ>
J801	82-NF5-621-010		ANTTERM JBT 0222<HE>
L231	87-005-366-010		COIL, 1UH<EEZ>
L232	87-005-366-010		COIL, 1UH<EEZ>
L401	87-003-131-080		COIL,10MH J
L402	87-003-131-080		COIL,10MH J
L451	87-007-300-010		COIL,OSC BIAS 85K
L741	81-631-611-010		COIL,QUAD (SINGLE)
L742	87-008-491-010		FLTR PACFAZ 450
L801	87-006-249-010		COIL,ANT FM3/4TS,L4
L802	87-006-254-010		COIL,ANT FM2-3/4TS,S
L803	87-006-244-010		COIL,RF FM 3-1/2T,L4
L804	87-006-250-010		COIL,RF FM 3-1/2TS,L4
L805	87-003-098-050		COIL,2.2UH RA
L806	87-008-427-010		COIL,FMIFT (4T)
L807	87-006-205-010		COIL,OSC FM (7K)
L831	87-006-250-010		COIL,RF FM 3-1/2TS,L4<EEZ>
L832	87-003-098-050		COIL,2.2UH RA
L941	87-006-234-010		COIL,ANT LW S<EEZ>
L942	87-007-323-010		COIL,OSC LW S<EEZ>
L981	82-NT3-632-010		AM PACK 1,SAG<HE>
L981	87-042-147-010		AM PACK 4<EEZ>
R105	87-022-050-080		RESIS METAL 1W-0.22J
R106	87-022-050-080		RESIS METAL 1W-0.22J
R243	87-022-184-080		RES METAL 0.33-1W
R244	87-022-184-080		RES METAL 0.33-1W
SFR451	87-024-173-080		SFR 22K DIA6 V
SFR452	87-024-173-080		SFR 22K DIA6 V
SFR721	87-024-171-080		SFR 4.7K DIA6 V
SFR722	87-024-174-080		SFR33K DIA6 V
TC701	87-011-221-080		TRIMER.30P VCT51
TC801	87-011-219-080		CAP TRIMMER 10P VCT
TC802	87-011-219-080		CAP TRIMMER 10P VCT
TC803	87-011-219-080		CAP TRIMMER 10P VCT<EEZ>
TC942	87-011-221-080		TRIMER.30P VCT51<EEZ>
W101	83-NE2-618-010		F-CABEL,5P-2.5
W102	83-NE2-691-010		F-CABLE,6P-2.0
X701	87-030-163-010		VIB,XTAL 7.2MHZ(NDK)

FRONT C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C201	87-010-178-080		C-CAP,S 1000P-50 B
C202	87-010-196-080		C-CAP,S 0.1-25 F
C203	87-010-404-040		CAP,E 4.7-50 SME
C204	87-010-404-040		CAP,E 4.7-50 SME
C205	87-010-263-040		CAP,E 100-10
C206	87-010-401-040		CAP,E 1-50 SME
C207	87-010-401-040		CAP,E 1-50 SME
C208	87-010-248-040		CAP,E 220-10 SME
C209	87-010-196-080		C-CAP,S 0.1-25 F
C210	87-010-405-040		CAP,E 10-50 SME
C211	87-010-408-040		CAP-E 47-50 SME
C213	87-010-196-080		C-CAP,S 0.1-25 F
C501	87-010-248-040		CAP,E 220-10 SME
C502	87-010-401-040		CAP,E 1-50 SME
C503	87-010-544-080		CAP,E 0.1-50
C504	87-010-402-040		CAP,E 2.2-50 SME
C505	87-010-405-040		CAP,E 10-50 SME
C506	87-012-156-080		C-CAP,S 220P-50 CH
C507	87-010-545-040		CAP,E 0.22-50 SME
C508	87-012-155-080		C-CAP,S 180P-50 CH
C509	87-010-183-080		C-CAP,S 2700P-50 B
C510	87-010-401-040		CAP,E 1-50 SME
C511	87-010-196-080		C-CAP,S 0.1-25 F
C512	87-010-178-080		C-CAP,S 1000P-50 B
C513	87-010-178-080		C-CAP,S 1000P-50 B
C514	87-010-994-080		C-CAP,S 680P-50 CH
C515	87-010-178-080		C-CAP,S 1000P-50 B
C710	87-010-196-080		C-CAP,S 0.1-25 F<HE>

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C711	87-010-187-080		C-CAP,S 5600P-50 B<HE>
C712	87-010-178-080		C-CAP,S 1000P-50 B<HE>
C713	87-010-196-080		C-CAP,S 0.1-25 F<HE>
C714	87-010-260-040		CAP,E 47-25 SME<HE>
C717	87-010-956-080		C-CAP,S 0.068-25 B<HE>
C718	87-010-187-080		C-CAP,S 5600P-50 B<HE>
C719	87-010-178-080		C-CAP,S 1000P-50 B<HE>
C720	87-010-401-040		CAP,E 1-50 SME<HE>
C721	87-010-186-080		C-CAP,S 4700P-50 B<HE>
C722	87-010-263-040		CAP,E 100-10<HE>
C723	87-010-196-080		C-CAP,S 0.1-25 F<HE>
C724	87-012-157-080		C-CAP,S 330P-50 CH<HE>
C725	87-012-157-080		C-CAP,S 330P-50 CH<HE>
C726	87-010-374-040		CAP,E 47-10<HE>
FC104	83-NE2-690-010		CABLE,FFC 1.25-10P
FL101	83-NEA-631-010		FL,7BT-199GK
J501	82-NF7-630-010		JACK,3.5 MO
L701	87-005-454-080		COIL,680UH FLR50 K<HE>
S301	87-036-215-080		SW,TACT EVQ21404M
S302	87-036-215-080		SW,TACT EVQ21404M
S303	87-036-215-080		SW,TACT EVQ21404M
S304	87-036-215-080		SW,TACT EVQ21404M
S305	87-036-215-080		SW,TACT EVQ21404M
S306	87-036-215-080		SW,TACT EVQ21404M
S307	87-036-215-080		SW,TACT EVQ21404M
S308	87-036-215-080		SW,TACT EVQ21404M
S309	87-036-215-080		SW,TACT EVQ21404M
S310	87-036-215-080		SW,TACT EVQ21404M
S311	87-036-215-080		SW,TACT EVQ21404M
S312	87-036-215-080		SW,TACT EVQ21404M
S313	87-036-215-080		SW,TACT EVQ21404M
S314	87-036-215-080		SW,TACT EVQ21404M
S315	87-036-215-080		SW,TACT EVQ21404M
S317	87-036-215-080		SW,TACT EVQ21404M
VR501	81-MX4-637-010		VR,10KA RK11K1130
VR502	82-VP2-636-010		VR,SL10K B<HE>
X201	87-008-394-080		CF CST 4.19 MGW

CD C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C1	87-010-178-080		C-CAP,S 1000P-50 B
C2	87-010-263-080		CAP,E 100-10 SME 5X11
C3	87-010-265-080		CAP,E 33-16 SME
C5	87-010-154-080		C-CAP,S 10P-50 CH
C6	87-010-198-080		C-CAP,S 0.022-25 B
C7	87-010-196-080		C-CAP,S 0.1-25 F
C10	87-010-182-080		C-CAP,S 2200P-50 B
C11	87-010-196-080		C-CAP,S 0.1-25 F
C12	87-010-196-080		C-CAP,S 0.1-25 F
C13	87-010-196-080		C-CAP,S 0.1-25 F
C14	87-010-404-080		CAP,E 4.7-50 SME
C15	87-010-193-080		C-CAP,S 0.033-25 F
C16	87-010-197-080		C-CAP,S 0.01-25 B
C17	87-010-263-080		CAP,E 100-10 SME 5X11
C18	87-010-197-080		C-CAP,S 0.01-25 B
C19	87-010-402-080		CAP,E 2.2-50 SME
C20	87-010-265-080		CAP,E 33-16 SME
C21	87-010-263-080		CAP,E 100-10 SME 5X11
C22	87-010-197-080		C-CAP,S 0.01-25 B
C23	87-010-193-080		C-CAP,S 0.033-25 F
C24	87-010-197-080		C-CAP,S 0.01-25 B
C25	87-010-193-080		C-CAP,S 0.033-25 F
C26	87-010-197-080		C-CAP,S 0.01-25 B
C28	87-010-196-080		C-CAP,S 0.1-25 F
C29	87-010-263-080		CAP,E 100-10 SME 5X11
C30	87-010-992-080		C-CAP,S 0.047-25 B
C31	87-010-186-080		C-CAP,S 4700P-50 B
C32	87-010-263-080		CAP,E 100-10 SME 5X11
C33	87-010-197-080		C-CAP,S 0.01-25 B
C34	87-012-156-080		C-CAP,S 220P-50 CH

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C35	87-010-187-080		C-CAP,S 5600P-50 B
C36	87-010-404-080		CAP,E 4.7-50 SME
C37	87-010-197-080		C-CAP,S 0.01-25 B
C38	87-010-312-080		C-CAP,S 15P-50 CH
C39	87-010-312-080		C-CAP,S 15P-50 CH
C43	87-010-318-080		C-CAP,S 47P-50 CH
C44	87-010-318-080		C-CAP,S 47P-50 CH
C45	87-010-318-080		C-CAP,S 47P-50 CH
C46	87-010-318-080		C-CAP,S 47P-50 CH
C47	87-010-318-080		C-CAP,S 47P-50 CH
C48	87-010-318-080		C-CAP,S 47P-50 CH
C49	87-010-197-080		C-CAP,S 0.01-25 B
C50	87-010-248-080		CAP,E 220-10 SME
C51	87-010-405-080		CAP,E 10-50 SME
C52	87-010-405-080		CAP,E 10-50 SME
C53	87-010-428-080		C-CAP,S 0.015-25 B
C54	87-010-428-080		C-CAP,S 0.015-25 B
C55	87-010-178-080		C-CAP,S 1000P-50 B
C56	87-010-178-080		C-CAP,S 1000P-50 B
C57	87-010-404-080		CAP,E 4.7-50 SME
C58	87-010-196-080		C-CAP,S 0.1-25 F
C59	87-010-221-080		CAP,E 470-10
C60	87-010-197-080		C-CAP,S 0.01-25 B
C61	87-010-196-080		C-CAP,S 0.1-25 F
C62	87-010-992-080		C-CAP,S 0.047-25 B
C64	87-010-196-080		C-CAP,S 0.1-25 F
C65	87-010-197-080		C-CAP,S 0.01-25 B
C66	87-010-221-080		CAP,E 470-10
C67	87-010-196-080		C-CAP,S 0.1-25 F
C68	87-012-142-080		C-CAP,S 0.33-16 F
C69	87-010-197-080		C-CAP,S 0.01-25 B
C70	87-010-235-010		CAP,E 470-16
C71	87-010-197-080		C-CAP,S 0.01-25 B
C72	87-010-221-080		CAP,E 470-10
C75	87-010-196-080		C-CAP,S 0.1-25 F
C76	87-010-248-080		CAP,E 220-10 SME
C77	87-010-197-080		C-CAP,S 0.01-25 B
C78	87-010-197-080		C-CAP,S 0.01-25 B
C79	87-010-197-080		C-CAP,S 0.01-25 B
C80	87-010-263-080		CAP,E 100-10 SME 5X11
C81	87-010-197-080		C-CAP,S 0.01-25 B
C82	87-010-197-080		C-CAP,S 0.01-25 B
CON1	83-CT2-631-010		CONN ASSY,8P CD1
CON2	83-CT2-632-010		CONN ASSY,8P CD2
CON3	83-NEA-634-010		CONN ASSY,6P
CON4	83-NEA-633-010		CONN ASSY,5P
L1	87-003-102-080		COIL,10UH
SFR1	87-024-174-080		SFR,33K DIA6 V
SFR2	87-024-175-080		SFR,47K DIA6 V
SFR3	87-024-173-080		SFR,22K DIA6 V
X1	81-592-641-010		CERALOCK 16.93MX

KEY C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
S318	87-036-215-080		SW,TACT EVQ21404M
S319	87-036-215-080		SW,TACT EVQ21404M
S320	87-036-215-080		SW,TACT EVQ21404M
S321	87-036-215-080		SW,TACT EVQ21404M

MVR C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C401	87-010-384-040		CAP,E 100-25 SME
C402	87-010-197-080		C-CAP,S 0.01-25 B
C601	87-010-197-080		C-CAP,S 0.01-25 B
C602	87-010-197-080		C-CAP,S 0.01-25 B
C605	87-010-154-080		C-CAP,S 10P-50 CH
C606	87-010-154-080		C-CAP,S 10P-50 CH
C607	87-010-384-040		CAP,E 100-25 SME
C608	87-010-248-040		CAP,E 220-10 SME
C609	87-012-154-080		C-CAP,S 150P-50 CH
C610	87-012-154-080		C-CAP,S 150P-50 CH
C611	87-010-184-080		C-CAP,S 3300P-50 B
C612	87-010-184-080		C-CAP,S 3300P-50 B
C613	87-012-154-080		C-CAP,S 150P-50 CH
C614	87-012-154-080		C-CAP,S 150P-50 CH
C615	87-012-365-080		C-CAP,S 0.027-25V BK
C616	87-012-365-080		C-CAP,S 0.027-25V BK
C617	87-010-320-080		C-CAP,S 68P-50 CH
C618	87-010-320-080		C-CAP,S 68P-50 CH
C619	87-010-426-080		C-CAP,S 0.012-25 B
C620	87-010-426-080		C-CAP,S 0.012-25 B
C621	87-010-180-080		C-CAP,S 1500P-50 B
C622	87-010-180-080		C-CAP,S 1500P-50 B
C623	87-010-426-080		C-CAP,S 0.012-25 B
C624	87-010-426-080		C-CAP,S 0.012-25 B
C625	87-010-401-040		CAP,E 1-50 SME
C626	87-010-401-040		CAP,E 1-50 SME
C627	87-010-192-080		C-CAP,S 0.022-50 F
C628	87-010-196-080		C-CAP,S 0.1-25 F
C631	87-010-197-080		C-CAP,S 0.01-25 B
MVR601	82-NF7-676-010		VR,50KBX2 RK16812 MG
SFR401	87-024-169-080		SFR, 2.2K DIA6 V

AC2 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
⚠PT101	82-NF7-622-010		PT,2NF7 EK<EEZ>
⚠PT101	82-NF7-621-010		PT,2NF7 H<HE>

⚠PT C.B<HE>

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
⚠	87-033-147-010		CLAMP,FUSE<HE>
⚠F101	87-035-412-010		FUSE,T1.25A 250V UL<HE>
⚠SW101	87-036-235-010		SW,SL ESD 269<HE>

AC1 C.B<EEZ>

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
⚠	87-033-213-080		CLAMP FUSE SMK<EEZ>
⚠F101	87-035-359-010		FUSE,500MA 250V T E<EEZ>

HEAD FLEX C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
PH	S6-201-070-260		P.HEAD P-5044BD-24F
S6	S6-403-020-040		SLIDE SWITCH R663167

DRIVE C.B

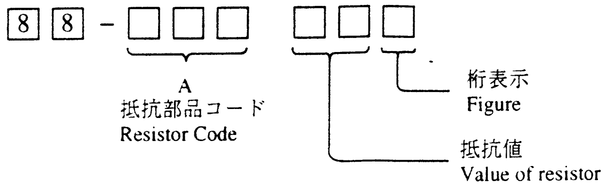
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
M1	87-045-356-019		MOT,RF-310TA 30
M2	87-045-358-019		MOT,RF-310TA 43
SW1	87-036-340-019		SW,LEAF LSA-1121

MOTOR CD C.B

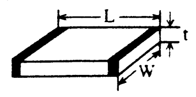
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
M1	87-045-305-019		MOTOR, RF-500TB
SW1	87-036-110-019		SW,PUSH SPPB 62
SW2	87-036-110-019		SW,PUSH SPPB 62

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

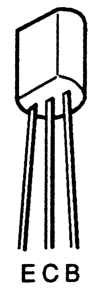
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coading



チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm)				Resistor Code: A 抵抗コード ：A
				Form／外形	L	W	t	
1／32W	1608	±5%	CJ		1.6	0.8	0.35	108
1／10W	2125	±5%	CJ		2	1.25	1.45	118
1／8W	3126	±5%	CJ		3.2	1.6	0.5 ~0.7	128

TRANSISTOR ILLUSTRATION



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2SA970
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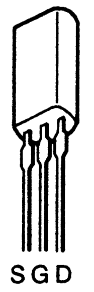
2SC1815
2SC3266
2SC3331



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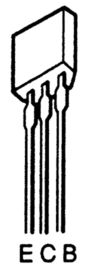
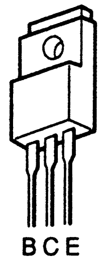
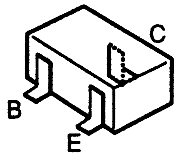


2SA933S
DTA114YS



2SB1370



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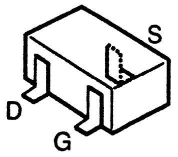
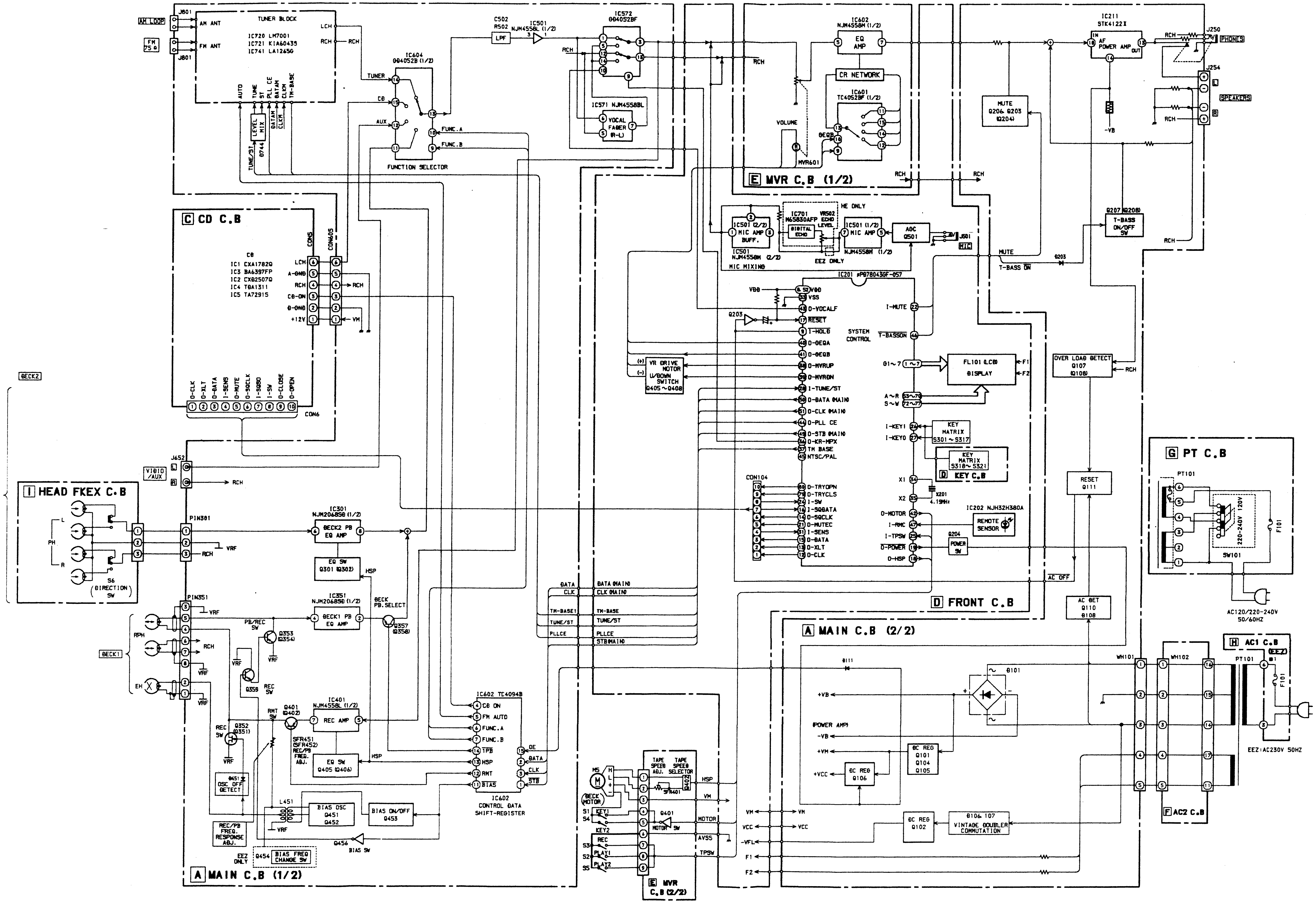
DTA143EK
DTA144WK
DTC124XK
DTC143XK
DTC144EK



2SK211
2SK302

BLOCK DIAGRAM-1 (MAIN)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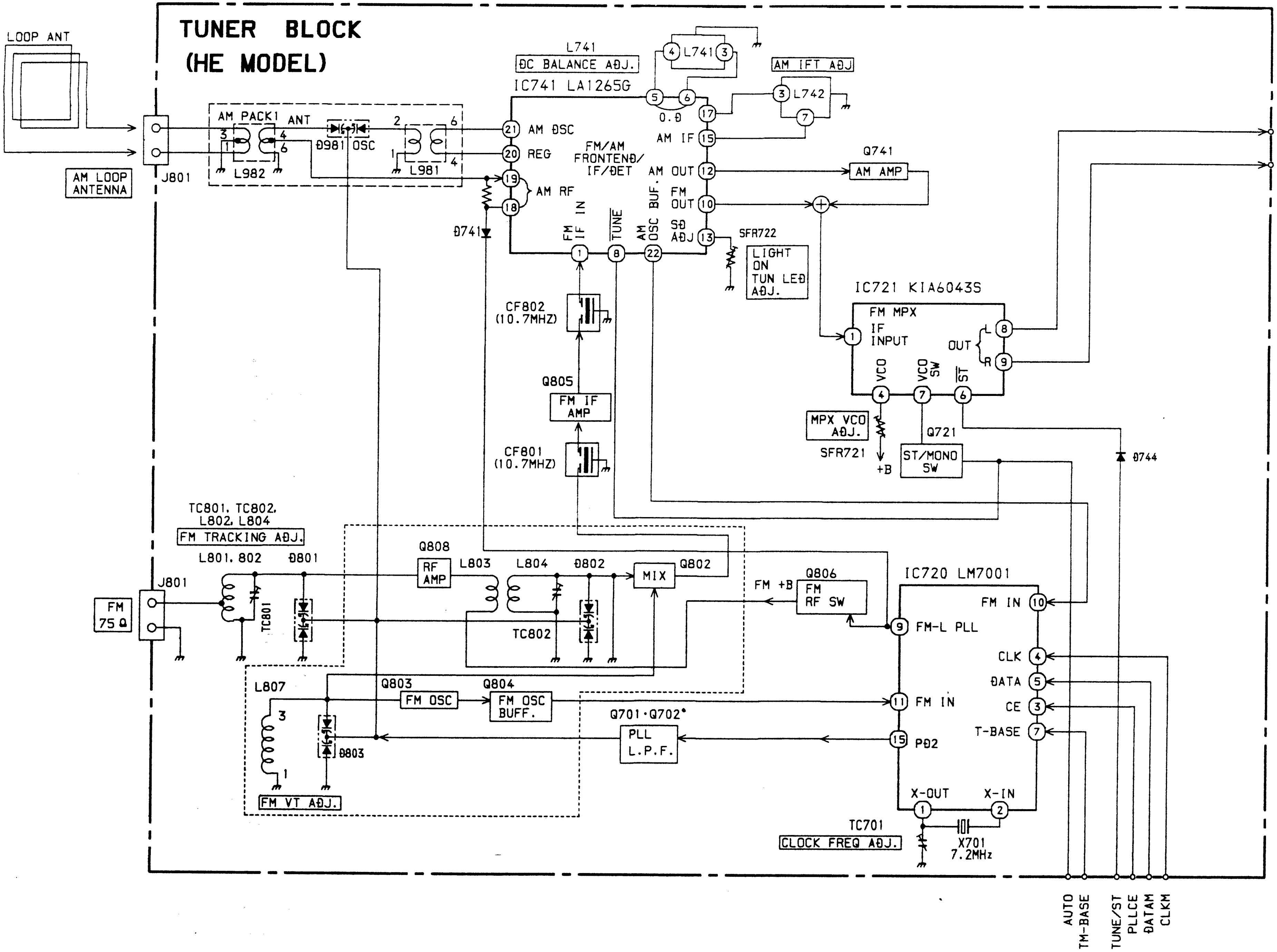
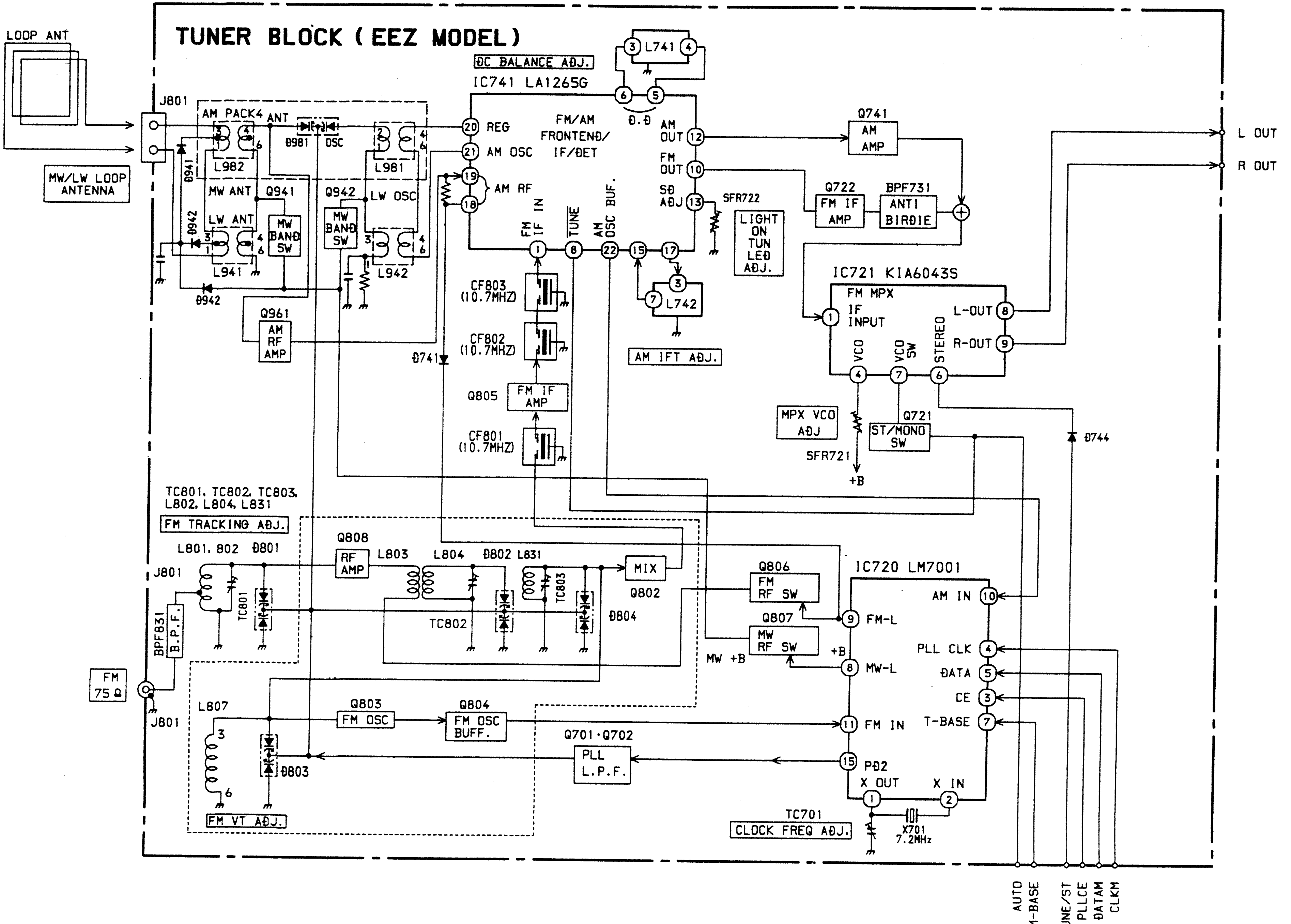
FM 75 Ω
J801
AM ANT
FM ANT
TUNER BLOCK
IC720 LM7001
IC721 KIA6043S
IC741 LA1265G
LCH
RCH
AUTO
TUNE
ST
PLL CE
DATAM
CLKM
TM-BASE
LEVEL MIX
D744
TUNE/ST
IC604 TC4052B (1/2)
TUNER
CD
AUX
FUNC.A
FUNC.B
FUNCTION SELECTOR
C502
R502
LPF
IC501 NJM4558L (1/2)
IC572 TC4052BF
IC571 NJM4558BL
VOCAL FADER (R-L)
IC602 NJM4558M (1/2)
EQ AMP
CR NETWORK
IC601 TC4052BF (1/2)
VOLUME
MVR601
DEQB
E MVR C.B (1/2)
IC211 STK4122Ⅱ
IN
AF POWER AMP
OUT
J250
PHONES
J254
L
R
SPEAKERS
MUTE Q206 Q203 (Q204)
-VB
Q207 (Q208)
T-BASS ON/OFF SW
HE ONLY
IC501 (2/2) MIC AMP BUFF.
IC501 NJM4558M (2/2)
MIC MIXING
IC701 M65830AFP
DIGITAL ECHO
VR502 ECHO LEVEL
EEZ ONLY
IC501 (1/2) MIC AMP
NJM4558M (1/2)
AGC Q501
J501
MIC
MUTE
T-BASS ON
D203
C CD C.B
CD
IC1 CXA1782Q
IC3 BA6397FP
IC2 CXD2507Q
IC4 TDA1311
IC5 TA7291S
CON5
CON605
LCH
A-GND
RCH
CD-ON
D-GND
+12V
VM
O-CLK
O-XLT
O-DATA
I-SENS
O-MUTE
O-SQCLK
I-SQSO
I-SW
O-CLOSE
O-OPEN
CON6
DECK2
J652
VIDEO /AUX
I HEAD FKEX C.B
PH
S6 (DIRECTION SW)
PIN301
VRF
IC301 NJM2068SD (1/2)
DECK2 PB EQ AMP
EQ SW Q301 (Q302)
HSP
PIN351
RPH
DECK1
EH
IC351 NJM2068SD (1/2)
DECK1 PB EQ AMP
DECK PB.SELECT
Q357 (Q358)
PB/REC SW
Q353 (Q354)
Q359
REC SW
RMT SW
Q401 (Q402)
IC401 NJM4558L (1/2)
REC AMP
REC SW Q352 (Q351)
SFR451 (SFR452) REC/PB FREQ. ADJ.
EQ SW Q405 (Q406)
D451 OSC OFF DETECT
L451
BIAS OSC Q451 Q452
BIAS ON/OFF Q453
REC/PB FREQ. RESPONSE ADJ.
Q456
BIAS SW
EEZ ONLY
Q454 BIAS FREQ CHANGE SW
A MAIN C.B (1/2)
IC602 TC4094B
CD ON
FM AUTO
FUNC.A
FUNC.B
TPB
HSP
RMT
BIAS
OE
DATA
CLK
STB
IC602 CONTROL DATA SHIFT-REGISTER
DATA (MAIN)
CLK (MAIN)
TM-BASE1
TM-BASE
TUNE/ST
PLLCE
STB (MAIN)
(+)
(−)
VR DRIVE MOTOR U/DOWN SWITCH Q405～Q408
IC201 #PD78043GF-057
VDD
VSS
O-VOCALF
RESET
I-HOLD
O-DEQA
O-DEQB
O-MVRUP
O-MVRDN
I-TUNE/ST
O-DATA (MAIN)
O-CLK (MAIN)
O-PLL CE
O-STB (MAIN)
O-KR-MPX
TM BASE
NTSC/PAL
Q203
SYSTEM CONTROL
I-MUTE
T-BASSON
G1～7
FL101 (LCD) DISPLAY
F1
F2
A～R
S～W
I-KEY1
I-KEY0
KEY MATRIX S301～S317
KEY MATRIX S318～S321
D KEY C.B
X1
X2
X201 4.19MHz
CON104
O-TRYOPN
O-TRYCLS
I-SW
I-SQDATA
O-SQCLK
O-MUTEC
I-SENS
O-DATA
O-XLT
O-CLK
O-MOTOR
I-RMC
I-TPSW
O-POWER
O-HSP
IC202 NJH32H380A
REMOTE SENSOR
Q204
POWER SW
D FRONT C.B
OVER LOAD DETECT Q107 (Q108)
RESET Q111
AC OFF
AC DET Q110 D108
G PT C.B
PT101
220-240V 120V
SW101
F101
AC120/220-240V 50/60HZ
A MAIN C.B (2/2)
D111
D101
+VB
(POWER AMP)
-VB
+VM
+VCC
DC REG Q101 Q104 Q105
DC REG Q106
DC REG Q102
D106 107 VINTAGE DOUBLER COMMUTATION
VM
VCC
-VFL
F1
F2
WH101
WH102
F AC2 C.B
H AC1 C.B
EEZ
PT101
EEZ:AC230V 50HZ
M5
H
L
DECK MOTOR
S1
S4
KEY1
KEY2
S3
S2
S5
REC
PLAY1
PLAY2
TAPE SPEED ADJ.
TAPE SPEED SELECTOR
SFR401
Q402
Q401
MOTOR SW
HSP
VM
MOTOR
AVSS
TPSW
E MVR C.B (2/2)

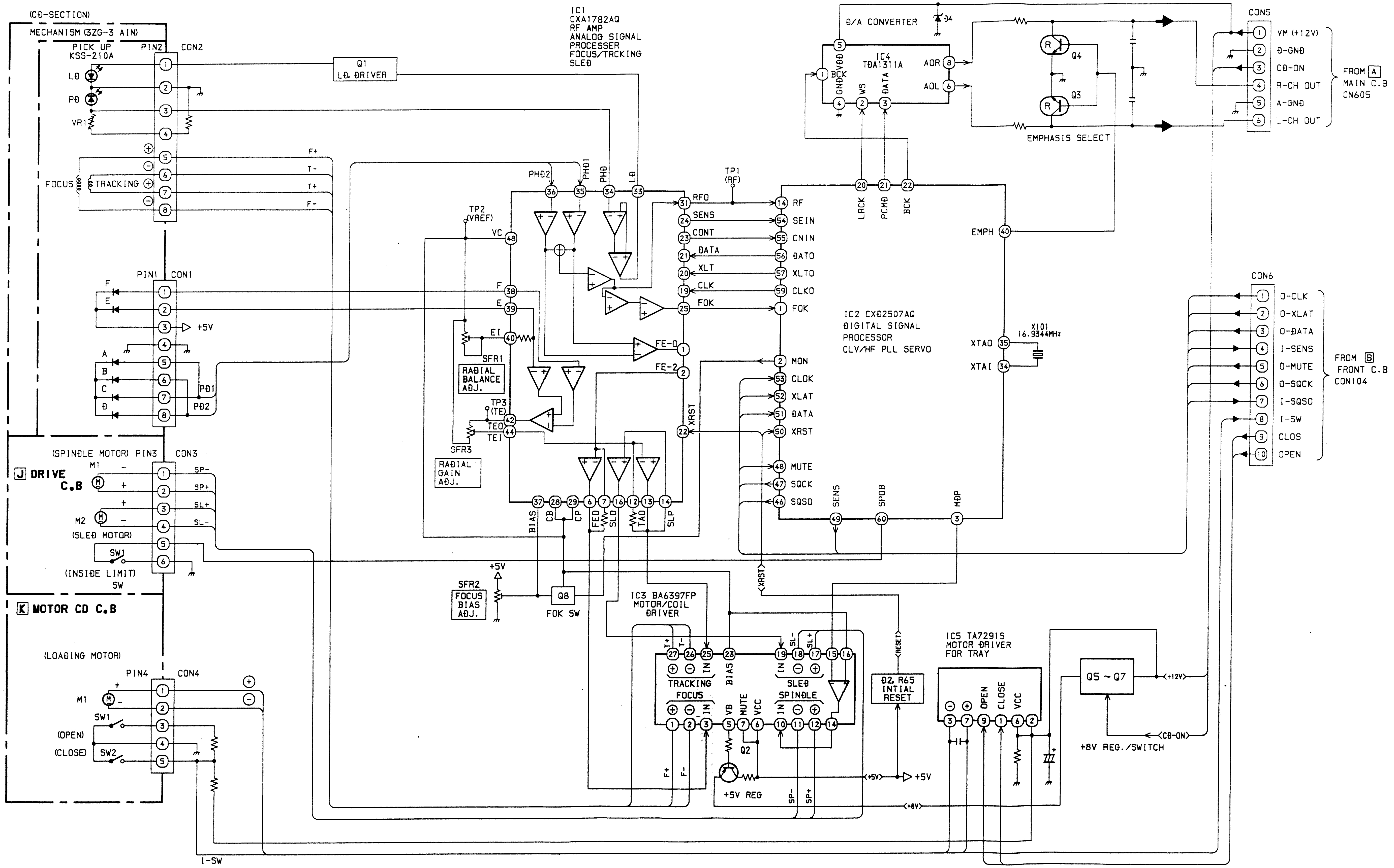
BLOCK DIAGRAM-2 (TUNER: HE)


TUNER BLOCK
(HE MODEL)
LOOP ANT
AM LOOP ANTENNA
J801
AM PACK1
ANT
L982
Ð981
OSC
L981
L741
DC BALANCE AÐJ.
IC741 LA1265G
0.Ð
AM IFT AÐJ
L742
AM ÐSC
REG
FM/AM FRONTENÐ/ IF/ÐET
AM IF
AM OUT
AM RF
FM OUT
BUF.
FM IF IN
TUNE
AM OSC
SÐ AÐJ
SFR722
LIGHT ON TUN LEÐ AÐJ.
Ð741
Q741
AM AMP
L OUT
R OUT
IC721 KIA6043S
FM MPX
IF INPUT
OUT L R
VCO
VCO SW
ST
MPX VCO AÐJ.
SFR721
+B
Q721
ST/MONO SW
Ð744
CF802 (10.7MHZ)
Q805
FM IF AMP
CF801 (10.7MHZ)
TC801, TC802, L802, L804
FM TRACKING AÐJ.
L801, 802
Ð801
TC801
FM 75 Ω
Q808
RF AMP
L803
L804
Ð802
TC802
MIX
Q802
FM +B
Q806
FM RF SW
IC720 LM7001
FM IN
FM-L PLL
CLK
ÐATA
CE
T-BASE
FM IN
PÐ2
X-OUT
X-IN
TC701
CLOCK FREQ AÐJ.
X701 7.2MHz
L807
Q803
FM OSC
Q804
FM OSC BUFF.
Q701·Q702*
PLL L.P.F.
Ð803
FM VT AÐJ.
AUTO
TM-BASE
TUNE/ST
PLLCE
ÐATAM
CLKM

BLOCK DIAGRAM-3 (TUNER: EEZ)

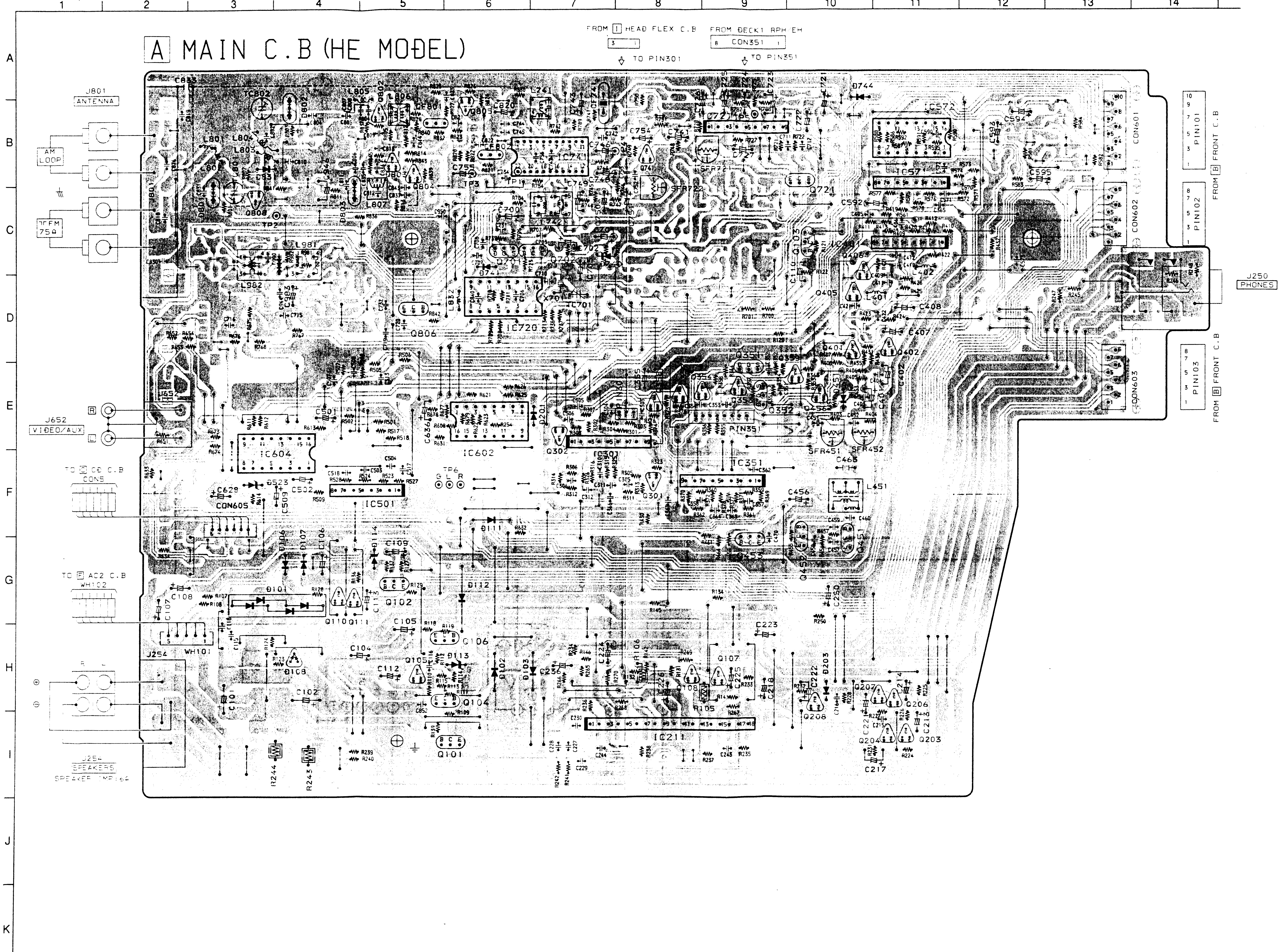

TUNER BLOCK (EEZ MODEL)
LOOP ANT
MW/LW LOOP ANTENNA
J801
AM PACK4
ANT
Ð981
OSC
L982
L981
Ð941
MW ANT
Q941
Q942
LW OSC
Ð942
LW ANT
MW BAND SW
MW BAND SW
L941
L942
Ð942
Q961
AM RF AMP
ÐC BALANCE AÐJ.
IC741 LA1265G
L741
Ð.Ð
REG
AM OSC
FM/AM FRONTENÐ/ IF/ÐET
AM RF
AM OUT
FM OUT
SÐ AÐJ
SFR722
FM IF IN
TUNE
AM OSC BUF.
LIGHT ON TUN LEÐ AÐJ.
L742
AM IFT AÐJ.
CF803 (10.7MHZ)
CF802 (10.7MHZ)
Ð741
Q805
FM IF AMP
CF801 (10.7MHZ)
Q741
AM AMP
Q722
FM IF AMP
BPF731
ANTI BIRÐIE
L OUT
R OUT
IC721 KIA6043S
FM MPX
IF INPUT
L-OUT
R-OUT
VCO
VCO SW
STEREO
MPX VCO AÐJ
SFR721
+B
Q721
ST/MONO SW
Ð744
TC801, TC802, TC803, L802, L804, L831
FM TRACKING AÐJ.
Q808
RF AMP
L801, 802
Ð801
L803
L804
Ð802
L831
MIX
Q802
TC801
TC802
TC803
Ð804
BPF831 B.P.F.
FM 75 Ω
J801
L807
Q803
FM OSC
Q804
FM OSC BUFF.
Ð803
FM VT AÐJ.
Q701·Q702
PLL L.P.F.
Q806
FM RF SW
Q807
MW RF SW
MW +B
+B
IC720 LM7001
FM-L
MW-L
FM IN
PÐ2
X OUT
X IN
AM IN
PLL CLK
ÐATA
CE
T-BASE
TC701
CLOCK FREQ AÐJ.
X701 7.2MHz
AUTO
1-BASE
JNE/ST
PLLCE
ÐATAM
CLKM

BLOCK DIAGRAM-4 (CD)



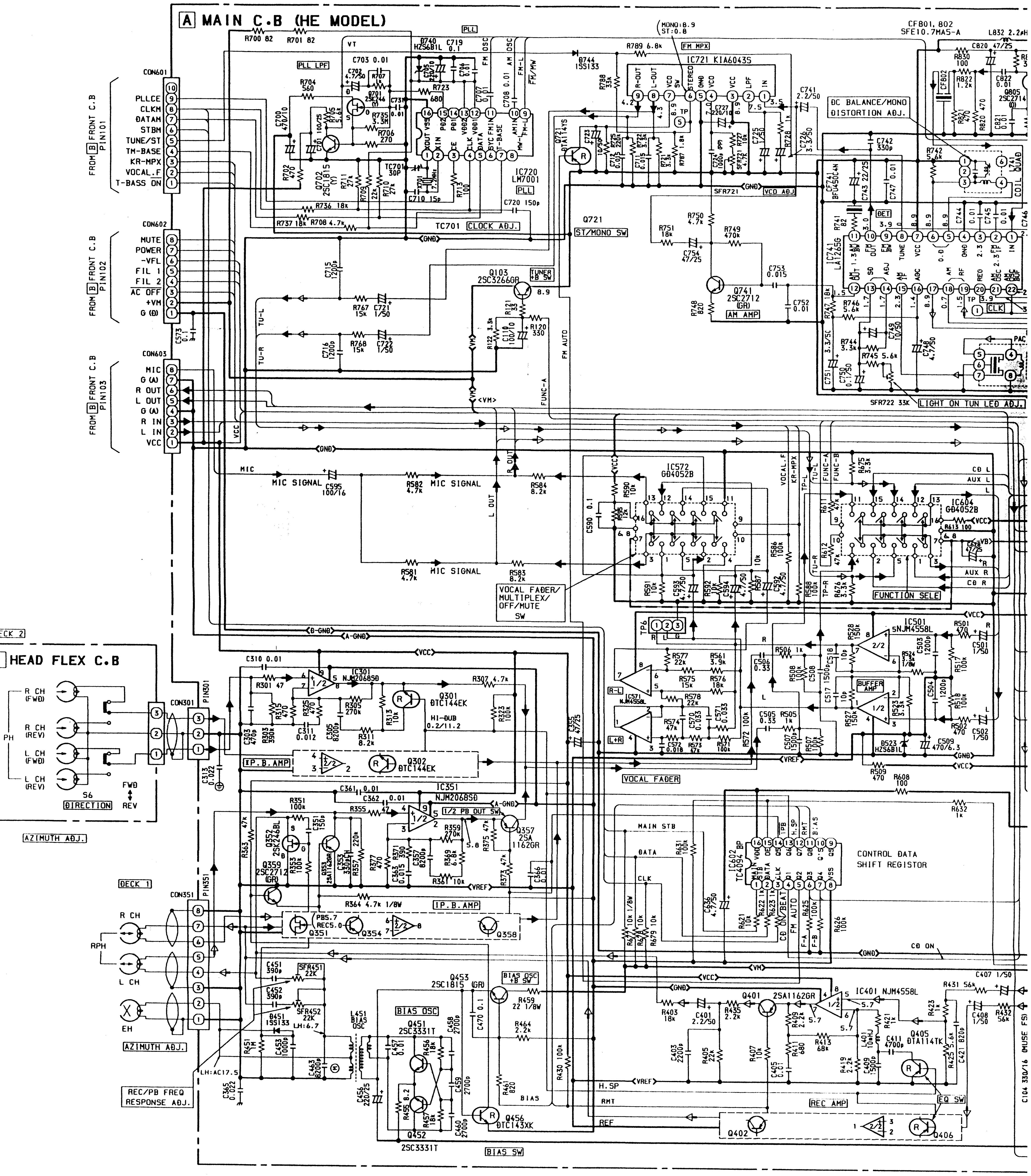
(CD-SECTION)
MECHANISM (3ZG-3 AIN)
PICK UP KSS-210A
PIN2
CON2
LD
PD
VR1
FOCUS
TRACKING
PIN1
CON1
F
E
+5V
A
B
C
D
PD1
PD2
J DRIVE C.B
(SPINDLE MOTOR) PIN3
CON3
M1
M2
(SLED MOTOR)
SW1
(INSIDE LIMIT) SW
SP-
SP+
SL+
SL-
K MOTOR CD C.B
(LOADING MOTOR)
PIN4
CON4
SW1
(OPEN)
(CLOSE)
SW2
I-SW
Q1 LD DRIVER
F+
T-
T+
F-
IC1 CXA1782AQ RF AMP ANALOG SIGNAL PROCESSER FOCUS/TRCKING SLED
PHD2
PHD1
PHD
LD
TP2 (VREF)
VC
EI
SFR1
RADIAL BALANCE ADJ.
TP3 (TE)
TEO
TEI
SFR3
RADIAL GAIN ADJ.
FE-O
FE-2
RFO
SENS
CONT
DATA
XLT
CLK
FOK
XRST
BIAS
CB
CP
FEO
SLO
TAO
SLP
TP1 (RF)
SFR2 FOCUS BIAS ADJ.
Q8
FOK SW
IC3 BA6397FP MOTOR/COIL DRIVER
TRACKING
FOCUS
SLED
SPINDLE
IN
VB
MUTE
VCC
Q2
+5V REG
F+
F-
SP-
SP+
T+
T-
SL-
SL+
IC2 CXD2507AQ DIGITAL SIGNAL PROCESSOR CLV/HF PLL SERVO
RF
SEIN
CNIN
DATO
XLTO
CLKO
FOK
MON
CLOK
XLAT
DATA
XRST
MUTE
SQCK
SQSO
SENS
SPOB
MDP
LRCK
PCMD
BCK
EMPH
XTAO
XTAI
X101 16.9344MHz
(XRST)
(RESET)
D2, R65 INTIAL RESET
D/A CONVERTER
D4
IC4 TDA1311A
VDD
BCK
GND
WS
DATA
AOR
AOL
Q4
Q3
R
EMPHASIS SELECT
CON5
VM (+12V)
D-GND
CD-ON
R-CH OUT
A-GND
L-CH OUT
FROM A MAIN C.B CN605
CON6
O-CLK
O-XLAT
O-DATA
I-SENS
O-MUTE
O-SQCK
I-SQSO
I-SW
CLOS
OPEN
FROM B FRONT C.B CON104
IC5 TA7291S MOTOR DRIVER FOR TRAY
OPEN
CLOSE
VCC
Q5 ~ Q7
(+12V)
(CD-ON)
+8V REG./SWITCH
(+5V)
+5V
(+8V)

WIRING-1 (MAIN: HE)

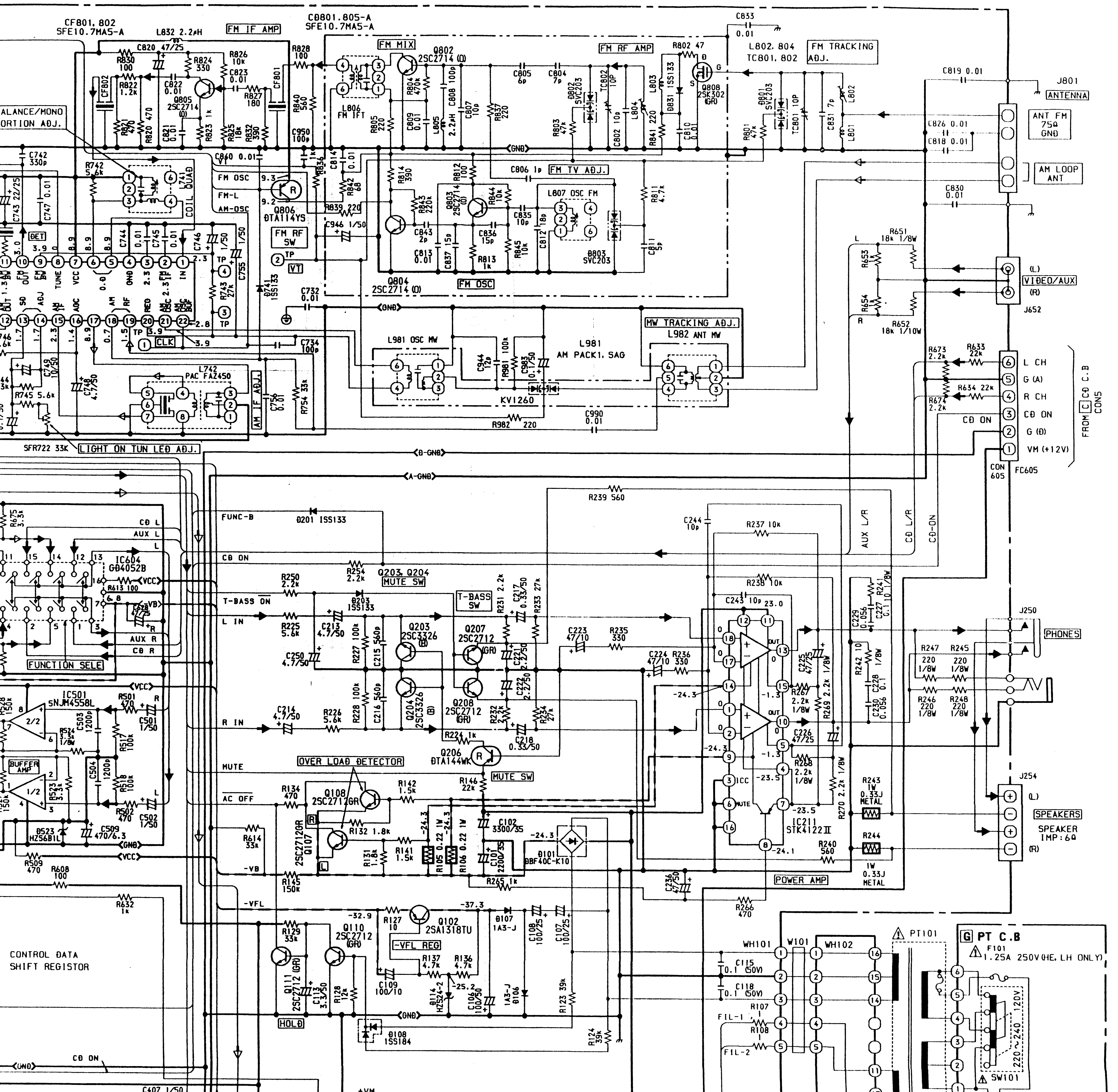


A MAIN C.B (HE MODEL)
FROM I HEAD FLEX C.B
3 1
TO PIN301
FROM DECK1 RPH EH
8 CON351 1
TO PIN351
J801
ANTENNA
AM LOOP
FM 75Ω
J652
VIDEO/AUX
R
L
TO C CD C.B
CON5
CON605
TO E AC2 C.B
WH102
WH101
J254
SPEAKERS
SPEAKER IMP. 6Ω
⊕
⊖
CON601
CON602
CON603
PIN101
PIN102
PIN103
FROM B FRONT C.B
J250
PHONES
IC720
IC741
IC572
IC57
IC401
IC604
IC602
IC501
IC301
IC351
IC211
TP1
TP2
TP3
TP6
G L R
L981
L982
SFR721
SFR722
SFR451
SFR452
L451
1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J K

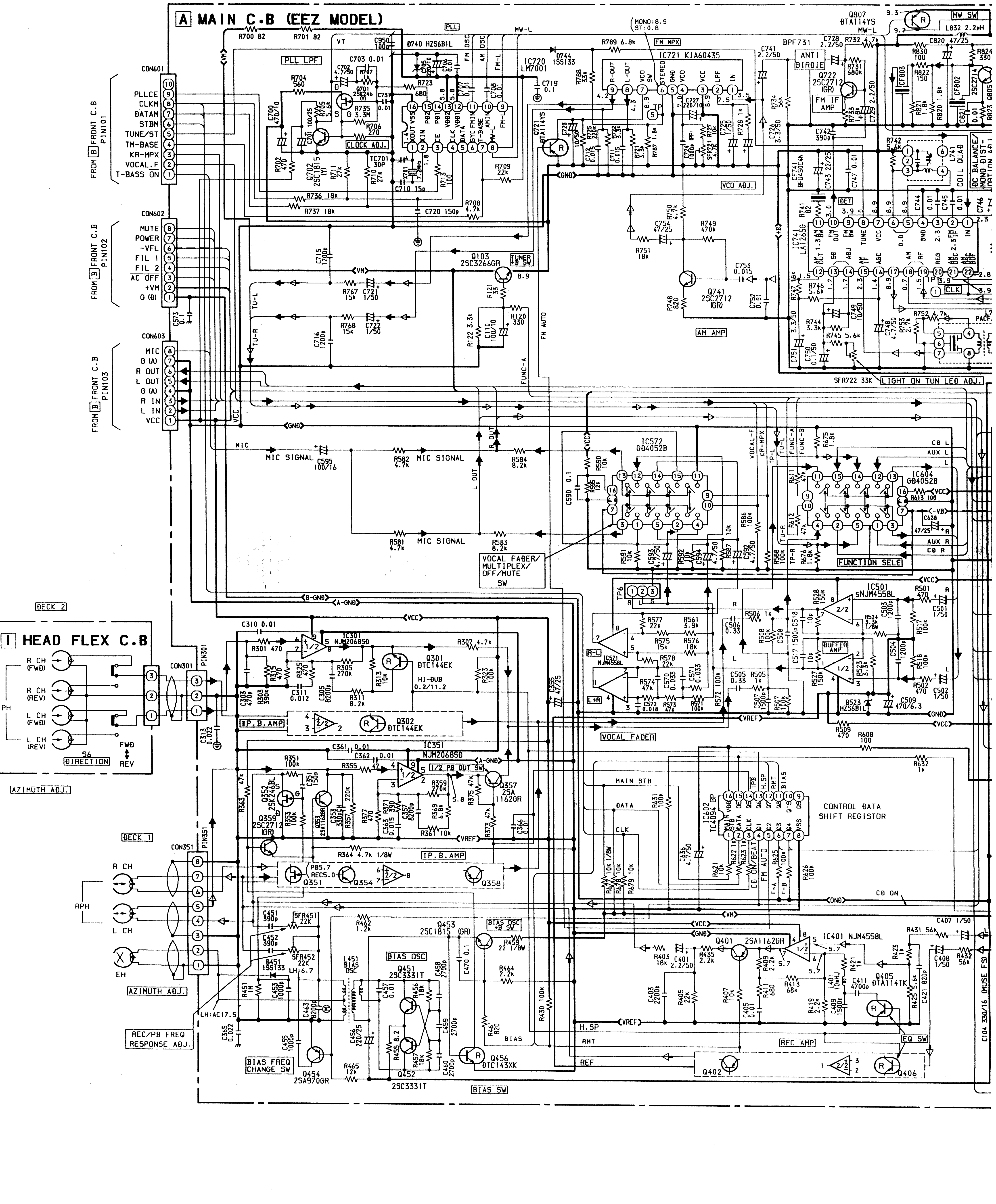
SCHEMATIC DIAGRAM-1 (MAIN: HE)

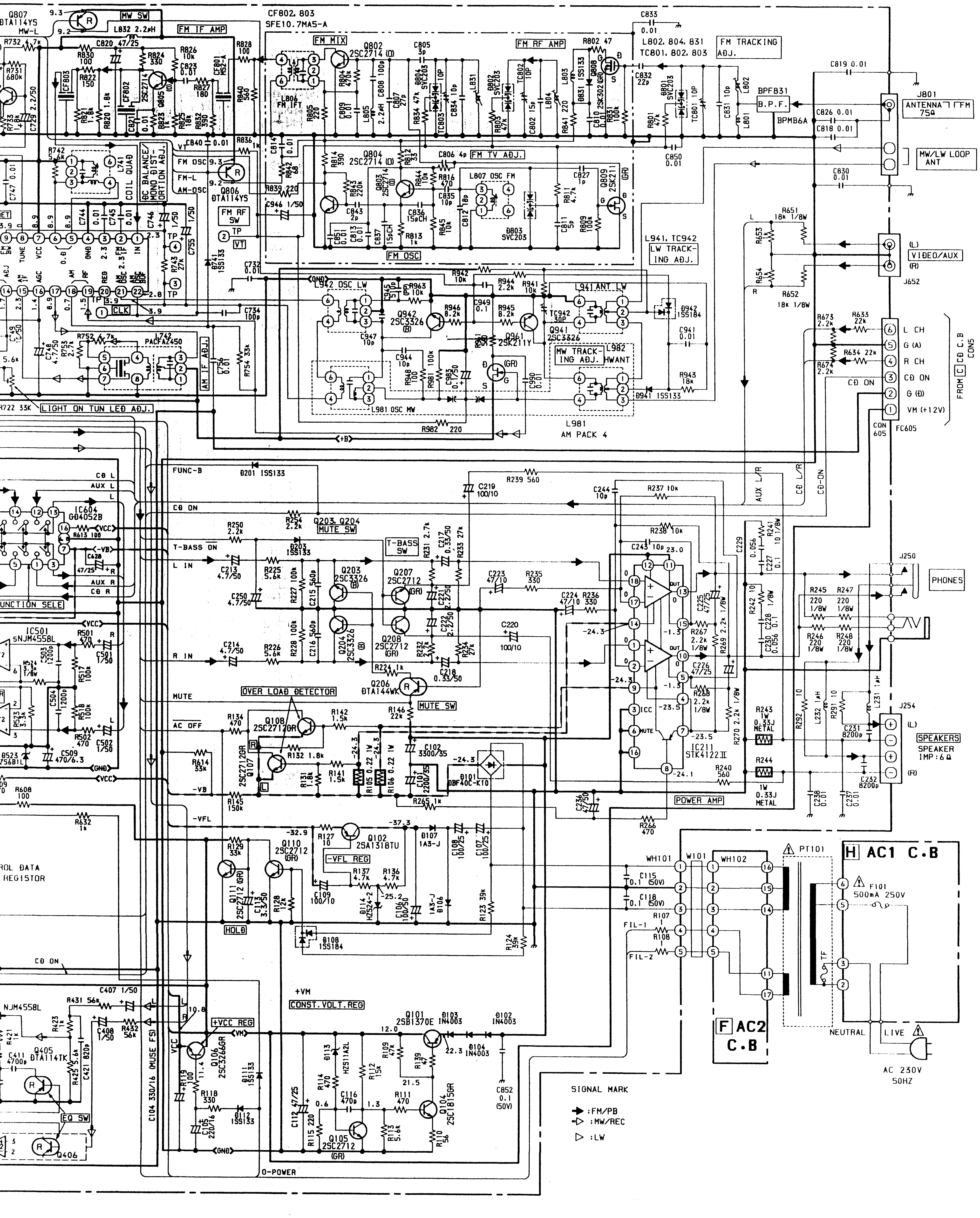


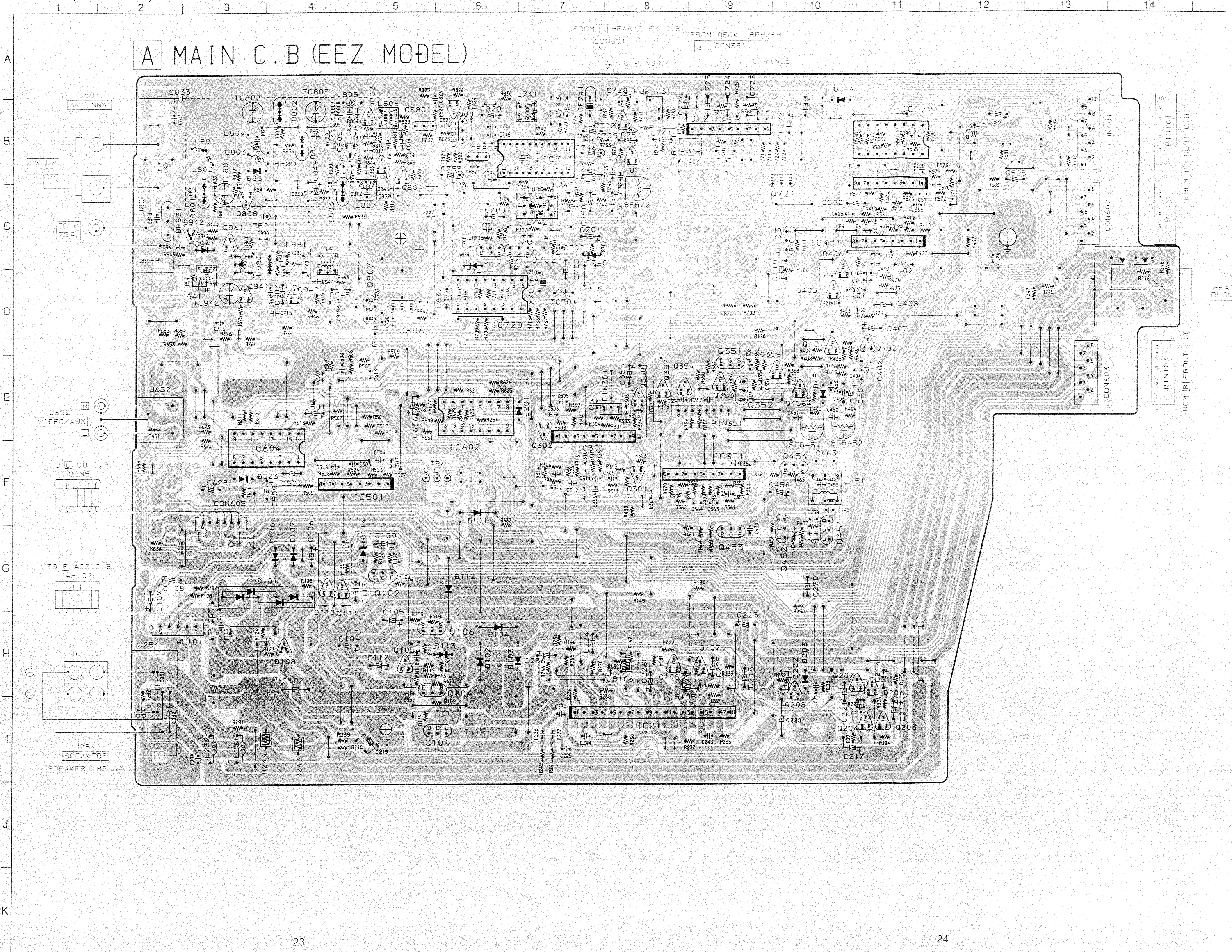
A MAIN C.B (HE MODEL)
CON601
PLLCE
CLKM
DATAM
STBM
TUNE/ST
TM-BASE
KR-MPX
VOCAL.F
T-BASS ON
FROM B FRONT C.B PIN101
CON602
MUTE
POWER
-VFL
FIL 1
FIL 2
AC OFF
+VM
G (D)
FROM B FRONT C.B PIN102
CON603
MIC
G (A)
R OUT
L OUT
G (A)
R IN
L IN
VCC
FROM B FRONT C.B PIN103
PLL LPF
PLL
IC720 LM7001
TC701 CLOCK ADJ.
Q702 2SC1815 (Y)
Q701 2SK246 (Y)
Q721 DTA114YS
Q721 ST/MONO SW
IC721 KIA6043S
FM MPX
(MONO:8.9 ST:0.8)
VCO ADJ
DC BALANCE/MONO DISTORTION ADJ.
CF801, 802 SFE10.7MA5-A
L832 2.2μH
Q805 2SC2714
IC741 LA1265G
Q741 2SC2712 (GR)
AM AMP
Q103 2SC3266GR
TUNER +B SW
SFR722 33K
LIGHT ON TUN LED ADJ.
MIC SIGNAL
VOCAL FADER/ MULTIPLEX/ OFF/MUTE SW
IC572 GD4052B
IC604 GD4052B
FUNCTION SELE
IC571 NJM4558L
VOCAL FADER
IC501 5NJM4558L
BUFFER AMP
D523 HZS6B1L
<GND>
<VCC>
<VREF>
<VM>
<B-GND>
<A-GND>
DECK 2
HEAD FLEX C.B
R CH (FWD)
R CH (REV)
L CH (FWD)
L CH (REV)
PH
S6 DIRECTION
FWD
REV
AZIMUTH ADJ.
CON301
PIN301
IC301 NJM2068SD
Q301 DTC144EK
HI-DUB 0.2/11.2
P.B. AMP
Q302 DTC144EK
IC351 NJM2068SD
1/2 PB OUT SW
Q357 2SA1162GR
Q352 2SK246BL
Q359 2SC2712 (GR)
Q353 2SA1162GR
DECK 1
CON351
PIN351
RPH
R CH
L CH
EH
P.B. AMP
PB5.7 REC5.0
Q351
Q354
Q358
SFR451 22K
SFR452 22K
D451 1SS133
LH:6.7
LH:AC17.5
AZIMUTH ADJ.
REC/PB FREQ RESPONSE ADJ.
Q453 2SC1815 (GR)
BIAS OSC +B SW
BIAS OSC
L451 BIAS OSC
Q451 2SC3331T
Q452 2SC3331T
Q456 DTC143XK
BIAS SW
BIAS
IC602 TC4094 BP
CONTROL DATA SHIFT REGISTOR
MAIN STB
DATA
CLK
CD ON
IC401 NJM4558L
Q401 2SA1162GR
Q405 DTA114TK
EQ SW
REC AMP
Q402
Q406
H.SP
RMT
REF
C104 330/16 (MUSE FS)


CF801, 802 SFE10.7MA5-A
CD801.805-A SFE10.7MA5-A
L832 2.2μH
FM IF AMP
FM MIX
FM RF AMP
FM TRACKING ADJ.
L802, 804 TC801, 802
J801 ANTENNA
ANT FM 75Ω GND
AM LOOP ANT
BALANCE/MONO DISTORTION ADJ.
COIL QUAD
FM OSC
FM-L
AM-OSC
Q806 DTA114YS
FM RF SW
FM TV ADJ.
L807 OSC FM
Q804 2SC2714 (O)
FM OSC
D803 SVC203
VT
CLK
L742 PAC FA2450
AM IF ADJ.
SFR722 33K LIGHT ON TUN LED ADJ.
MW TRACKING ADJ.
L982 ANT MW
L981 OSC MW
L981 AM PACK1, SAG
KV1260
VIDEO/AUX (L) (R) J652
L CH
G (A)
R CH
CD ON
G (D)
VM (+12V)
FROM C CD C.B CON5
CON 605 FC605
IC604 GD4052B
FUNCTION SELE
CD L
AUX L
CD ON
AUX R
CD R
FUNC-B
T-BASS ON
L IN
R IN
MUTE
AC OFF
Q203, Q204 MUTE SW
T-BASS SW
Q207 2SC2712 (GR)
Q208 2SC2712 (GR)
Q206 DTA144WK
MUTE SW
OVER LOAD DETECTOR
Q108 2SC2712(GR)
Q107 2SC2712GR
IC501 5NJM4558L
BUFFER AMP
IC211 STK4122II
POWER AMP
J250 PHONES
J254 SPEAKERS
SPEAKER IMP:6Ω
D101 DBF40C-K10
R243 1W 0.33J METAL
R244 1W 0.33J METAL
-VFL REG
Q102 2SA1318TU
Q110 2SC2712 (GR)
Q111 2SC2712 (GR)
HOLD
D108 1SS184
CONTROL DATA SHIFT REGISTOR
IC401 NJM4558L
Q405 DTA114TK
EQ SW
Q406
+VCC REG
Q106 2SC3266R
+VM CONST.VOLT.REG
Q101 2SB1370E
D103 1N4003
D102 1N4003
Q104 2SC1815GR
Q105 2SC2712 (GR)
POWER
WH101 W101 WH102
PT101
F AC2 C.B
G PT C.B
F101 1.25A 250V(HE, LH ONLY)
SW101 AC VOLTAGE
120V
220~240V
NEUTRAL
LIVE
AC 120V/220~240V 50/60Hz
SIGNAL MARK
:FM/PB
:AM/REC

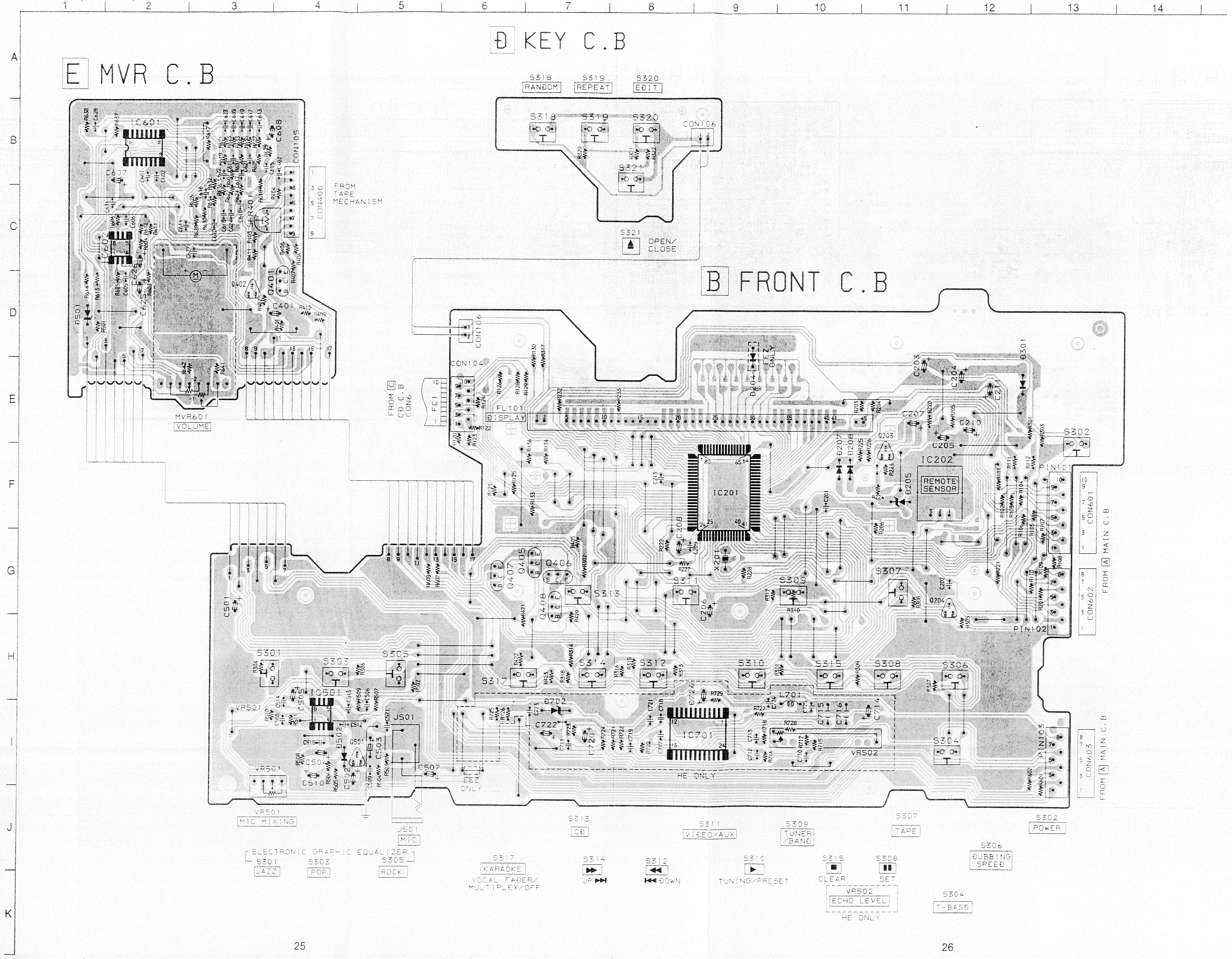
SCHEMATIC DIAGRAM-2 (MAIN: EEZ)


A MAIN C.B (EEZ MODEL)
PLL
PLL LPF
CLOCK ADJ.
IC720 LM7001
IC721 KIA6043S
FM MPX
BPF731
ANTI BIRDIE
FM IF AMP
Q807 DTA114YS
MW SW
L832 2.2μH
VCO ADJ.
IC741 LA1265G
AM AMP
Q741 2SC2712 (GR)
COIL QUAD
LIGHT ON TUN LED ADJ.
SFR722 33K
Q103 2SC3266GR
TUNER +B SW
CON601
FROM B FRONT C.B PIN101
PLLCE
CLKM
DATAM
STBM
TUNE/ST
TM-BASE
KR-MPX
VOCAL.F
T-BASS ON
CON602
FROM B FRONT C.B PIN102
MUTE
POWER
-VFL
FIL 1
FIL 2
AC OFF
+VM
G (D)
CON603
FROM B FRONT C.B PIN103
MIC
G (A)
R OUT
L OUT
G (A)
R IN
L IN
VCC
MIC SIGNAL
IC572 GD4052B
VOCAL FADER/ MULTIPLEX/ OFF/MUTE SW
IC604 GD4052B
FUNCTION SELE
CD L
AUX L
AUX R
CD R
IC501 SNJM4558L
BUFFER AMP
IC571 NJM4558L
VOCAL FADER
DECK 2
I HEAD FLEX C.B
R CH (FWD)
R CH (REV)
L CH (FWD)
L CH (REV)
PH
S6 DIRECTION
FWD
REV
AZIMUTH ADJ.
CON301
PIN301
IC301 NJM2068SD
Q301 DTC144EK
HI-DUB 0.2/11.2
P.B. AMP
Q302 DTC144EK
IC351 NJM2068SD
1/2 PB OUT SW
Q357 2SA1162GR
Q352 2SK246BL
Q359 2SC2712 (GR)
P.B. AMP
Q351
Q354
Q358
DECK 1
CON351
PIN351
RPH
R CH
L CH
EH
AZIMUTH ADJ.
REC/PB FREQ RESPONSE ADJ.
BIAS FREQ CHANGE SW
Q454 2SA970GR
Q453 2SC1815 (GR)
BIAS OSC +B SW
BIAS OSC
Q451 2SC3331T
Q452 2SC3331T
Q456 DTC143XK
BIAS SW
IC602 TC4094BP
CONTROL DATA SHIFT REGISTOR
MAIN STB
DATA
CLK
CD ON
IC401 NJM4558L
Q401 2SA1162GR
Q405 DTA114TK
REC AMP
EQ SW
Q402
Q406
H.SP
RMT
REF
C104 330/16 (MUSE FS)

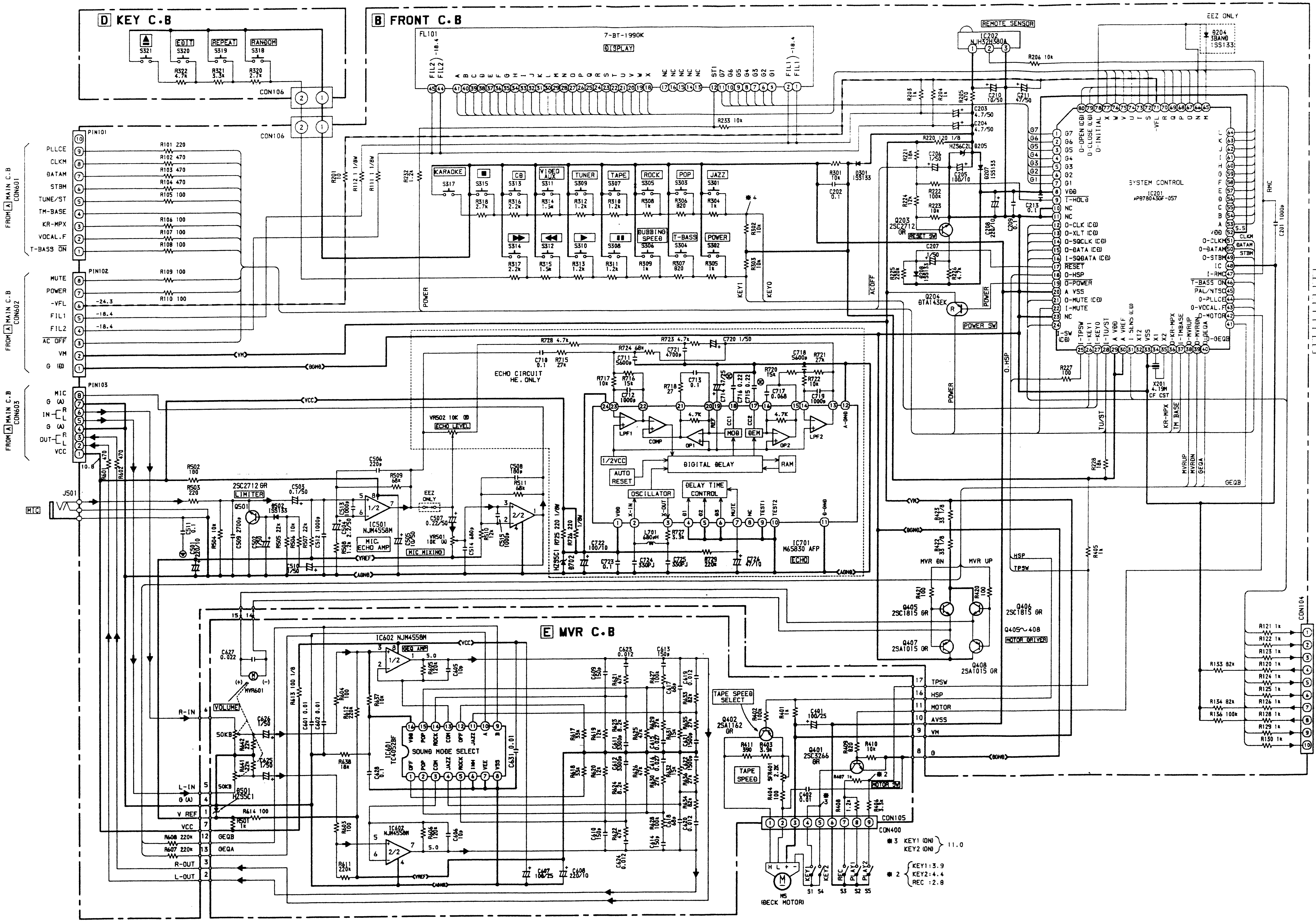

FM IF AMP
MW SW
CF802, 803
SFE10.7MA5-A
FM MIX
FM RF AMP
FM TRACKING ADJ.
L802, 804, 831
TC801, 802, 803
FM TV ADJ.
FM OSC
COIL QUAD
BC BALANCE/MONO DIST-ORTION ADJ.
FM RF SW
L941, TC942
LW TRACK-ING ADJ.
L942 OSC LW
L941 ANT LW
MW TRACK-ING ADJ.
L982 MWANT
L981 OSC MW
L981
AM PACK 4
AM IF ADJ.
LIGHT ON TUN LED ADJ.
J801
ANTENNA FM 75Ω
BPF831
B.P.F.
BPMB6A
MW/LW LOOP ANT
VIDEO/AUX
J652
L CH
G (A)
R CH
CD ON
G (D)
VM (+12V)
FROM C CD C.B CON5
FC605
CON 605
FUNC-B
IC604
GD4052B
FUNCTION SELE
T-BASS ON
MUTE SW
T-BASS SW
IC501
NJM4558L
OVER LOAD DETECTOR
MUTE
AC OFF
-VFL REG
HOLD
IC211
STK4122II
POWER AMP
J250
PHONES
J254
SPEAKERS
SPEAKER IMP : 6 Ω
PT101
WH101
W101
WH102
H AC1 C.B
F101
500mA 250V
F AC2 C.B
NEUTRAL
LIVE
AC 230V
50HZ
CONST. VOLT. REG
+VCC REG
EQ SW
O-POWER
CONTROL DATA REGISTOR
SIGNAL MARK
:FM/PB
:MW/REC
:LW


A MAIN C.B (EEZ MODEL)
FROM ① HEAD FLEX C.B
CON301
TO PIN301
FROM DECK1 RPH/EH
CON351
TO PIN351
J801
ANTENNA
MW/LW LOOP
FM 75Ω
J652
VIDEO/AUX
R
L
TO C CD C.B
CON5
CON605
TO F AC2 C.B
WH102
WH101
J254
SPEAKERS
SPEAKER IMP:6Ω
J250
HEAD PHONE
PIN101
FROM B FRONT C.B
PIN102
PIN103
CON601
CON602
CON603
IC741
IC720
IC604
IC602
IC501
IC301
IC351
IC401
IC571
IC572
IC211
PIN301
PIN351
1
2
3
4
5
6
7
8
9
10
11
12
13
14
A
B
C
D
E
F
G
H
I
J
K

WIRING-3 (FRONT)


1 2 3 4 5 6 7 8 9 10 11 12 13 14
A B C D E F G H I J K
E MVR C.B
D KEY C.B
B FRONT C.B
S318 RANDOM
S319 REPEAT
S320 EDIT
S321 OPEN/CLOSE
CON106
CON105
CON400
FROM TAPE MECHANISM
IC601
IC602
MVR601 VOLUME
Q401
Q402
C401
D501
CON104
FROM C CD C.B CON6
FC1
FL101 DISPLAY
IC201
IC202 REMOTE SENSOR
X201
D204 EEZ ONLY
D205
D207
D208
D301
Q203
Q204
Q405
Q406
Q407
Q408
PIN101
PIN102
PIN103
CON601
CON602
CON603
FROM A MAIN C.B
S301
S302
S303
S304
S305
S306
S307
S308
S309
S310
S311
S312
S313
S314
S315
S317
IC501
IC701
J501
L701
VR501
VR502
D502
D702
Q501
HE ONLY
EEZ ONLY
VR501 MIC MIXING
J501 MIC
S313 CD
S311 VIDEO/AUX
S309 TUNER/BAND
S307 TAPE
S302 POWER
ELECTRONIC GRAPHIC EQUALIZER
S301 JAZZ
S303 POP
S305 ROCK
S317 KARAOKE
VOCAL FADER/MULTIPLEX/OFF
S314 ▶▶ UP ▶▶I
S312 ◀◀ I◀◀ DOWN
S310 ▶ TUNING/PRESET
S315 ■ CLEAR
S308 ▮▮ SET
VR502 ECHO LEVEL HE ONLY
S306 DUBBING SPEED
S304 T-BASS

SCHEMATIC DIAGRAM-3 (FRONT)


D KEY C.B
S321
EDIT S320
REPEAT S319
RANDOM S318
R322 4.7k
R321 3.3k
R320 2.7k
CON106
B FRONT C.B
FL101
7-BT-199GK
DISPLAY
FIL2
FIL1
-18.4
PIN101
PLLCE
CLKM
DATAM
STBM
TUNE/ST
TM-BASE
KR-MPX
VOCAL.F
T-BASS ON
FROM A MAIN C.B CON601
PIN102
MUTE
POWER
-VFL
FIL1
FIL2
AC OFF
VM
G (D)
FROM A MAIN C.B CON602
PIN103
MIC
G (A)
IN-R
IN-L
G (A)
OUT-R
OUT-L
VCC
FROM A MAIN C.B CON603
J501
MIC
KARAOKE S317
S315
CD S313
VIDEO AUX S311
TUNER S309
TAPE S307
ROCK S305
POP S303
JAZZ S301
S314
S312
S310
S308
DUBBING SPEED S306
T-BASS S304
POWER S302
KEY1
KEY0
ACOFF
POWER
REMOTE SENSOR
IC202 NJH32H380A
EEZ ONLY
D204 SBAND 1SS133
R206 10k
Q203 2SC2712 GR
RESET SW
Q204 DTA143EK
POWER SW
SYSTEM CONTROL
IC201 μPD78043GF-057
X201 4.19M CF CST
ECHO CIRCUIT HE. ONLY
VR502 10K (B) ECHO LEVEL
DIGITAL DELAY
RAM
DELAY TIME CONTROL
OSCILLATOR
AUTO RESET
1/2VCC
LPF1
COMP
OP1
MOD
DEM
OP2
LPF2
IC701 M65830 AFP
ECHO
2SC2712 GR LIMITER
Q501
D502 1SS133
IC501 NJM4558M
MIC ECHO AMP
EEZ ONLY
VR501 10K (A)
MIC MIXING
Q405 2SC1815 GR
Q406 2SC1815 GR
Q407 2SA1015 GR
Q408 2SA1015 GR
Q405~408 MOTOR DRIVER
MVR DN
MVR UP
E MVR C.B
IC602 NJM4558M
GEQ AMP
IC601 TC4052BF
SOUND MODE SELECT
MVR601
VOLUME
50KB
R-IN
L-IN
G (A)
V REF
VCC
GEQB
GEQA
R-OUT
L-OUT
D501 HZS5C1
TAPE SPEED SELECT
Q402 2SA1162 GR
TAPE SPEED
Q401 2SC5266 GR
MOTOR SW
TPSW
HSP
MOTOR
AVSS
VM
G
CON105
CON400
M5 (DECK MOTOR)
KEY1
KEY2
REC
PLAY1
PLAY2
CON104
CLOK
XLAT
DATA
I-SENS
MUTE
SQCK
I-SQSO
I-SW
CLOSE
OPEN
FROM C CD C.B CON6

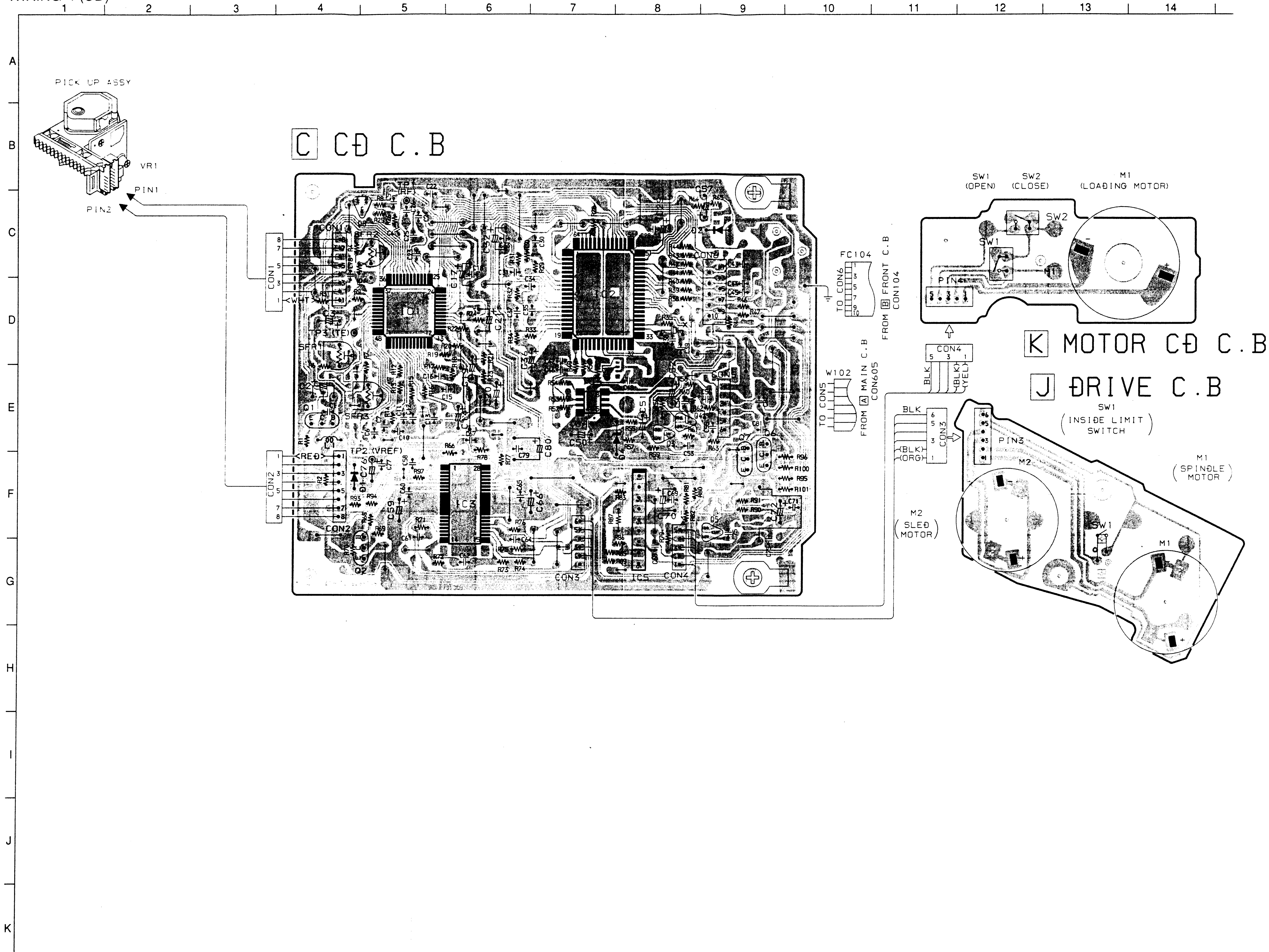
✱4

SW	VOLTAGE
S301	0
S303	0.52
S305	0.87
S307	1.25
S309	1.62
S311	1.94
S313	2.26
S315	2.66
S317	3.03

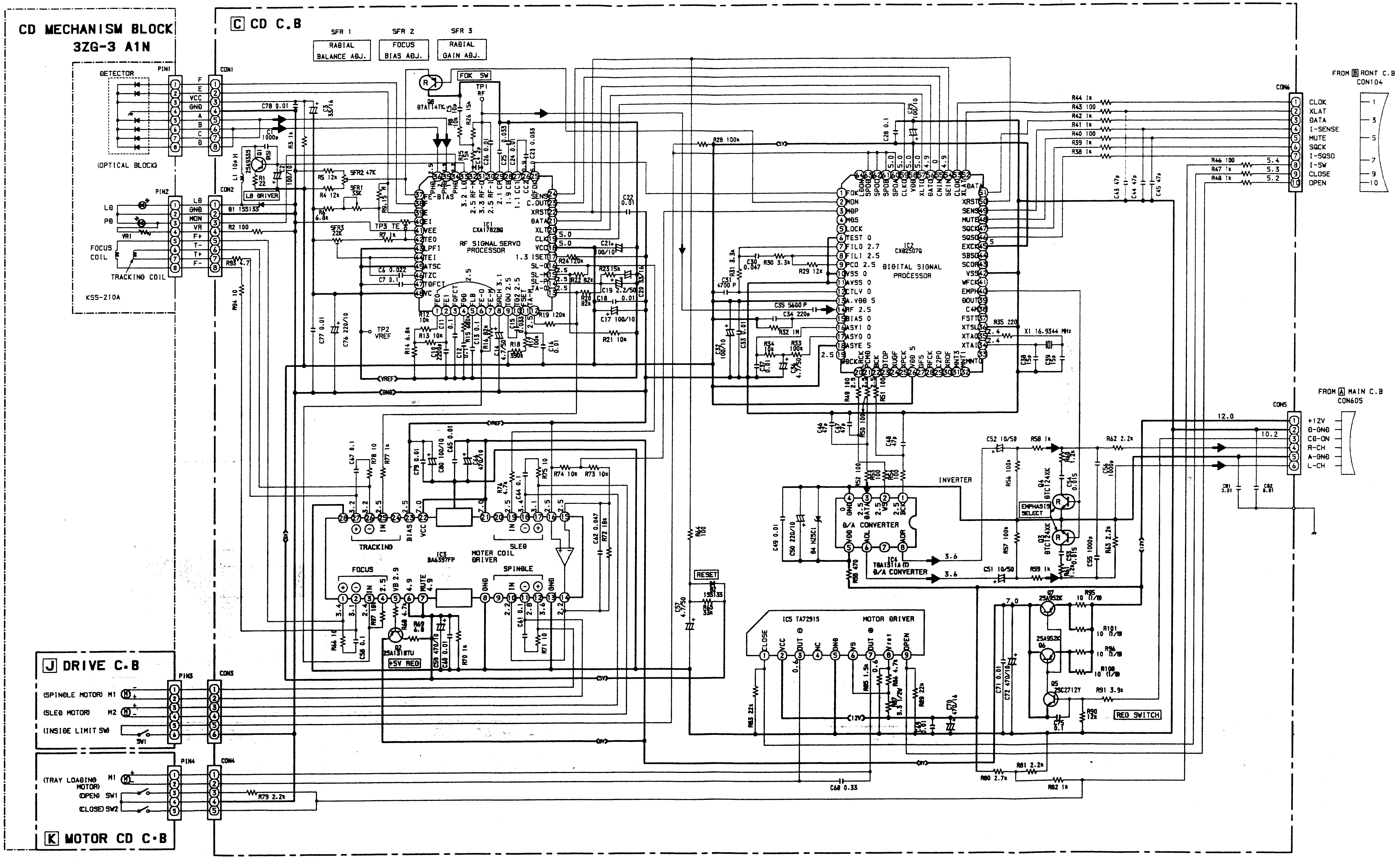
✱3 KEY1 (ON) } 11.0
KEY2 (ON)

✱2 { KEY1:3.9
KEY2:4.4
REC :2.8

WIRING-4 (CD)

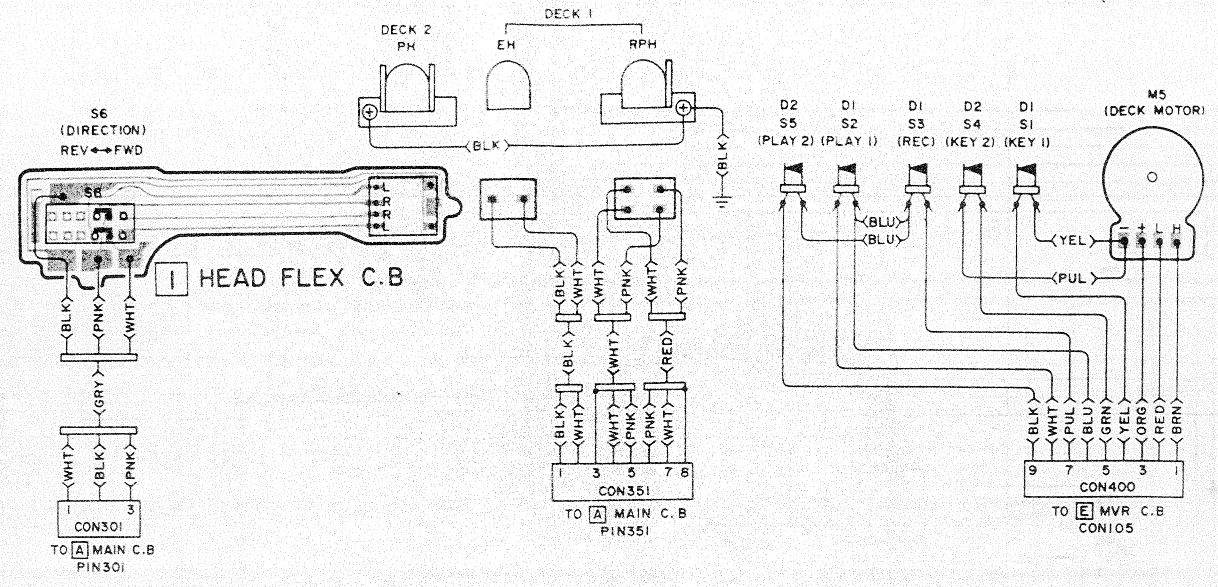

1
2
3
4
5
6
7
8
9
10
11
12
13
14
A
B
C
D
E
F
G
H
I
J
K
PICK UP ASSY
VR1
PIN1
PIN2
C CD C.B
CON1
WHT
CON2
RED
TP1 (RF)
TP2 (VREF)
TP3 (TE)
IC1
IC2
IC3
IC5
CON3
CON4
CON5
CON6
SFR1
SFR2
SFR3
Q1
Q2
FC104
TO CON6
FROM B FRONT C.B CON104
W102
TO CON5
FROM A MAIN C.B CON605
SW1 (OPEN)
SW2 (CLOSE)
M1 (LOADING MOTOR)
PIN4
K MOTOR CD C.B
CON4
BLK
(BLK)
(YEL)
J DRIVE C.B
SW1 (INSIDE LIMIT SWITCH)
PIN3
M2
M1 (SPINDLE MOTOR)
M2 (SLED MOTOR)
(BLK)
(ORG)
SW1
M1

SCHEMATIC DIAGRAM-4 (CD)

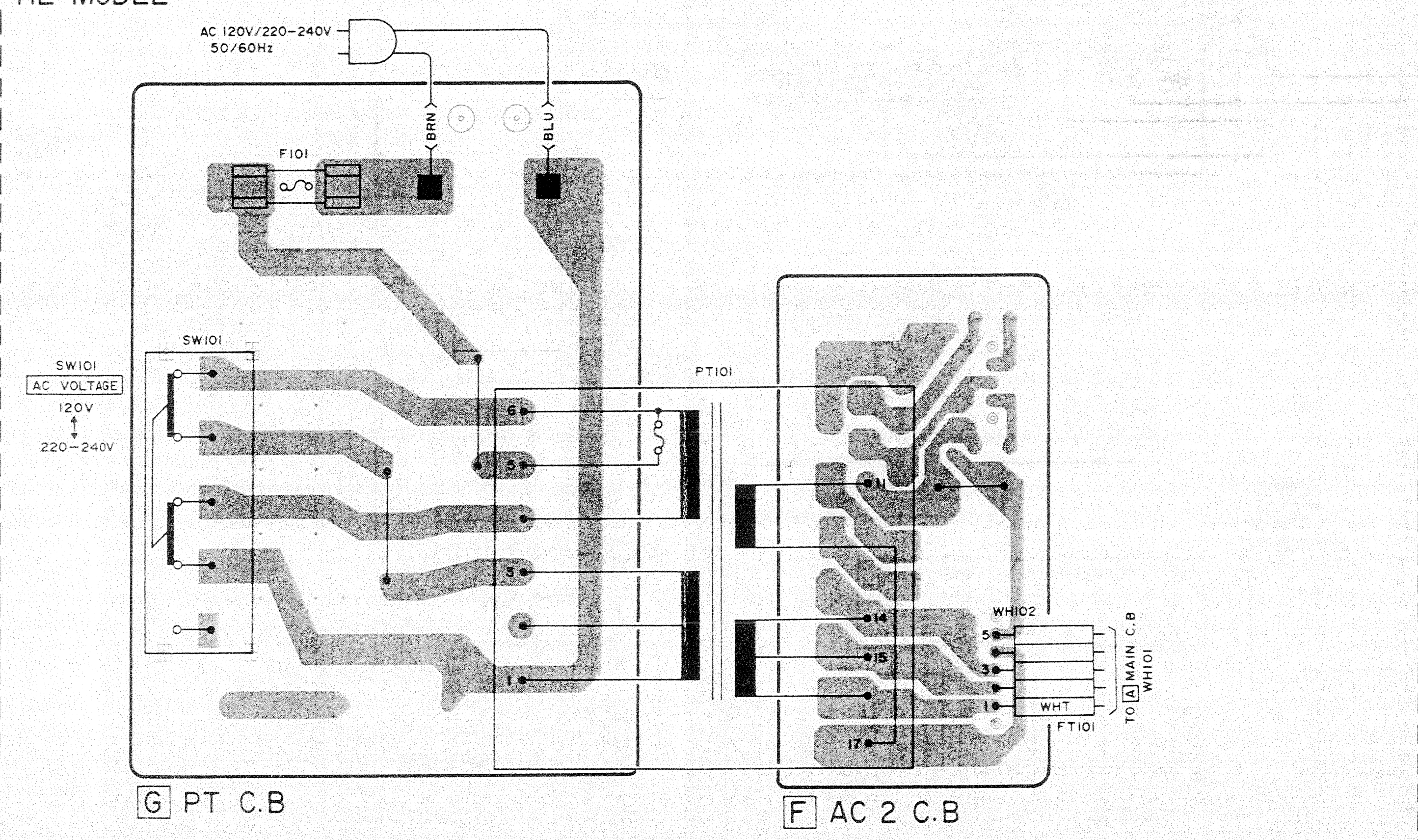

CD MECHANISM BLOCK
3ZG-3 A1N
DETECTOR
(OPTICAL BLOCK)
LD
PD
VR1
FOCUS COIL
TRACKING COIL
KSS-210A
PIN1
PIN2
CON1
CON2
C CD C.B
SFR 1
SFR 2
SFR 3
RADIAL BALANCE ADJ.
FOCUS BIAS ADJ.
RADIAL GAIN ADJ.
FOK SW
TP1 RF
LD DRIVER
TP2 VREF
TP3 TE
IC1 CXA1782BQ
RF SIGNAL SERVO PROCESSOR
IC2 CXD2507Q
DIGITAL SIGNAL PROCESSOR
X1 16.9344 MHz
IC3 BA6397FP
MOTER COIL DRIVER
TRACKING
FOCUS
SLED
SPINDLE
IC4 TDA1311A(D)
D/A CONVERTER
INVERTER
EMPHASIS SELECT
RESET
IC5 TA7291S
MOTOR DRIVER
REG SWITCH
+5V REG
FROM B FRONT C.B CON104
CON6
CLOK
XLAT
DATA
I-SENSE
MUTE
SQCK
I-SQSO
I-SW
CLOSE
OPEN
FROM A MAIN C.B CON605
CON5
+12V
D-GND
CD-ON
R-CH
A-GND
L-CH
J DRIVE C.B
PIN3
CON3
(SPINDLE MOTOR) M1
(SLED MOTOR) M2
(INSIDE LIMIT SW)
SW1
PIN4
CON4
(TRAY LOADING MOTOR) M1
(OPEN) SW1
(CLOSE) SW2
K MOTOR CD C·B

SIGNAL ◀: CD PLAY

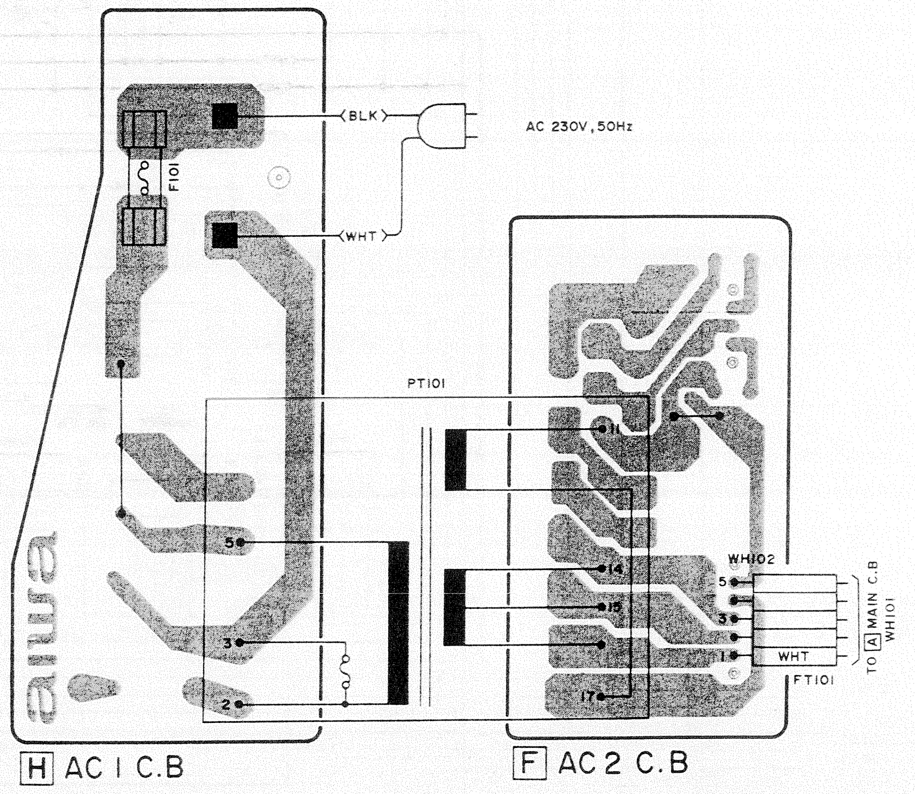
WIRING-5 (DECK, POWER)


DECK 2
PH
DECK 1
EH
RPH
S6
(DIRECTION)
REV↔FWD
S6
L
R
R
L
I HEAD FLEX C.B
BLK
BLK
PNK
WHT
GRY
WHT
BLK
PNK
1
3
CON301
TO A MAIN C.B
PIN301
BLK
WHT
WHT
PNK
WHT
PNK
BLK
WHT
RED
BLK
WHT
WHT
PNK
PNK
WHT
1
3
5
7
8
CON351
TO A MAIN C.B
PIN351
D2
S5
(PLAY 2)
D1
S2
(PLAY 1)
D1
S3
(REC)
D2
S4
(KEY 2)
D1
S1
(KEY 1)
M5
(DECK MOTOR)
BLU
BLU
YEL
PUL
BLK
WHT
PUL
BLU
GRN
YEL
ORG
RED
BRN
9
7
5
3
1
CON400
TO E MVR C.B
CON105

HE MODEL

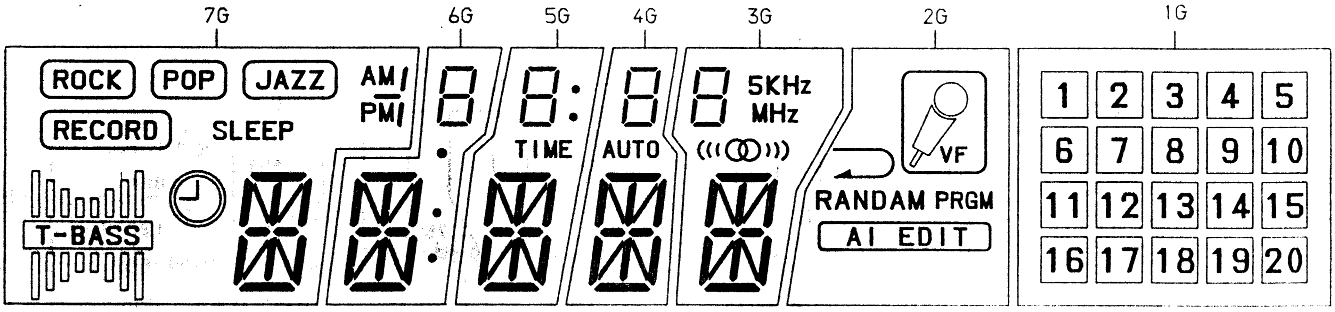

AC 120V/220-240V
50/60Hz
BRN
BLU
F101
SW101
SW101
AC VOLTAGE
120V
220-240V
PT101
6
5
3
1
11
14
15
17
WH102
5
3
1
WHT
FT101
TO A MAIN C.B
WH101
G PT C.B
F AC 2 C.B

EEZ MODEL


BLK
AC 230V, 50Hz
WHT
F101
PT101
5
3
2
11
14
15
17
WH102
5
3
1
WHT
FT101
TO A MAIN C.B
WH101
aiwa
H AC 1 C.B
F AC 2 C.B

FL (7BT-199GK) GRID ASSIGNMENT／ANODE CONNECTION

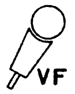
GRID ASSIGNMENT


7G
6G
5G
4G
3G
2G
1G
ROCK
POP
JAZZ
AM
PM
RECORD
SLEEP
T-BASS
TIME
AUTO
5KHz
MHz
VF
RANDAM PRGM
AI EDIT
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

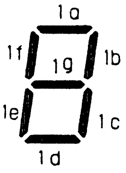
ALWAYS LIGHT ON
ROCK POP JAZZ
T-BASS

(7G)

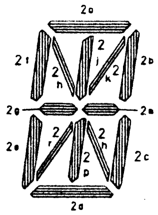
S1
AI EDIT



(2G)


1a
1f
1g
1b
1e
1c
1d

(6G ~ 3G)

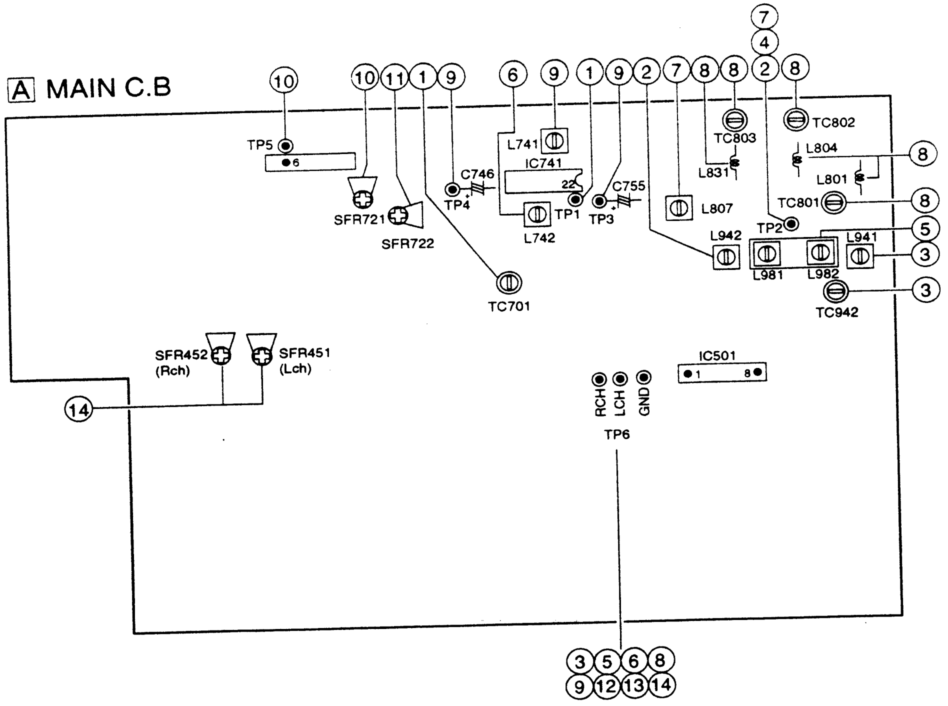

2a
2f
2h
2j
2k
2b
2g
2m
2e
2r
2p
2n
2c
2d

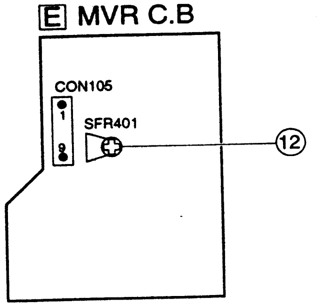
(7G ~ 3G)

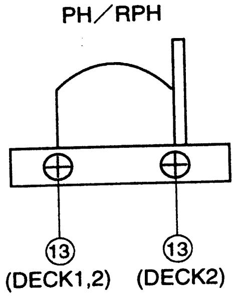
ANODE CONNECTION

	7G	6G	5G	4G	3G	2G	1G
A	2d	2d	2d	2d	2d	-	20
B	2j, 2p	2j, 2p	2j, 2p	2j, 2p	2j, 2p	-	19
C	2n	2n	2n	2n	2n	-	18
D	2r	2r	2r	2r	2r	-	17
E	2c	2c	2c	2c	2c	-	16
F	2e	2e	2e	2e	2e	-	15
G	2m	2m	2m	2m	2m	-	14
H	2g	2g	2g	2g	2g	-	13
I	2f	2f	2f	2f	2f	-	12
J	2b	2b	2b	2b	2b	-	11
K	2k	2k	2k	2k	2k	-	10
L	2h	2h	2h	2h	2h	-	9
M	2a	2a	2a	2a	2a	↩	8
N	◷	:	TUNE	AUTO	(((∞)))	RANDOM	7
O	▥	○	○ (⊤)	-	MHz	(AI EDIT)	6
P	(RECORD)	-	○ (⊥)	-	KHz	-	5
Q	SLEEP	-	-	-	5	-	4
R	PM	1d	1d	1d	1d	-	3
S	—	1e	1e	1e	1e	-	2
T	/	1c	1c	1c	1c	-	1
U	AM	1g	1g	1g	1g	-	-
V	(JAZZ)	1f	1f	1f	1f	-	-
W	(POP)	1b	1b	1b	1b	PRGM	-
X	(ROCK)	1a	1a	1a	1a	🎤	-
ST1	ALWAYS LIGHT ON	-	-	-	-	S1	▦

ELECTRICAL ADJUSTMENT


A MAIN C.B
10
10
11
1
9
6
9
1
9
2
7
8
8
2
8
7
4
TP5
6
SFR721
SFR722
C746
TP4
L741
IC741
22
C755
TP1
TP3
L742
TC701
L807
TC803
L831
TC802
L804
L801
TC801
TP2
L942
L941
L981
L982
TC942
8
8
5
3
3
SFR452 (Rch)
SFR451 (Lch)
14
IC501
1
8
RCH
LCH
GND
TP6
3
5
6
8
9
12
13
14


E MVR C.B
CON105
1
3
SFR401
12


PH/RPH
13
13
(DECK1,2)
(DECK2)

<TUNER SECTION>

1. Clock Frequency Adjustment
Settings: · Test point : TP1 (CLK)
· Adjustment location : TC701
Method: Set to MW 1602kHz and adjust TC701 so that the test point becomes 2052kHz ± 0.01kHz.

2. LW VT Check (EEZ only)
Settings: · Test point : TP2 (VT)
· Adjustment location : L942
Method: Set to LW 144kHz and adjust L902 so that the test point becomes 1.5V ± 0.05V.

3. LW Tracking Adjustment (EEZ only)
Setting: · Test point : TP6

L941	144kHz
TC942	290kHz

4. MW VT Check
Setting: · Test point : TP2 (VT)
Method: Set to MW 1602kHz and check that the test point is 6.8V ± 1.0V.

5. MW Tracking Adjustment
Settings: · Test point : TP6
· Adjustment location : L982
Method: Set to MW 999kHz and adjust L982 so that the test point becomes 53 ± 6dB.

6. MW IF Adjustment
Setting: · Test point : TP6

L742	450kHz

7. FM VT Adjustment
Setting: · Test point : TP2 (VT)
· Adjustment location : L807
Method: Set to FM 87.5MHz and adjust L807 so that the test point becomes1.70V ± 0.05V.

8. FM Tracking Adjustment
Setting: · Test point : TP6
(Except EEZ)

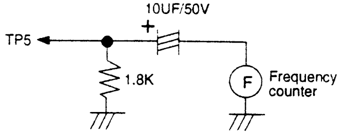
TC801,TC802	108MHz
L802,L804	87.5MHz

(EEZ only)

TC801,TC802,TC803	108MHz
L802,L804,L831	87.5MHz

9. DC Balance/MONO Distortion Adjustment
Settings: · Test point :TP3,TP4 (DC Balance)
TP6 (Distortion)
· Adjustment location : L741
· Input level : 54dB
Method: Set to FM 98.0MHz and adjust L741 so that the voltage between TP3 and TP4 becomes 0V ± 0.02V. Next check that the distortion is less than 0.9%.

10.MPX VCO Adjustment
Settings: · Test point : TP5
· Adjustment location : SFR721
· Input level : 54dB (modulation OFF)
Method: Connect a capacitor and aresistor as below. Set to FM 98.0MHz and adjust SFR721 so that the frequency at the test point becomes 38kHz ± 0.05kHz.


10UF/50V
+
TP5
1.8K
F
Frequency counter

11.Light on Tuning LED Adjustment
Settings: · Adjustment location : SFR722
· Input level : 16dB
Method: Set to FM 98.0MHz and adjust TUNING LED to light on by SFR722. After that, LED goes out by 2db down.

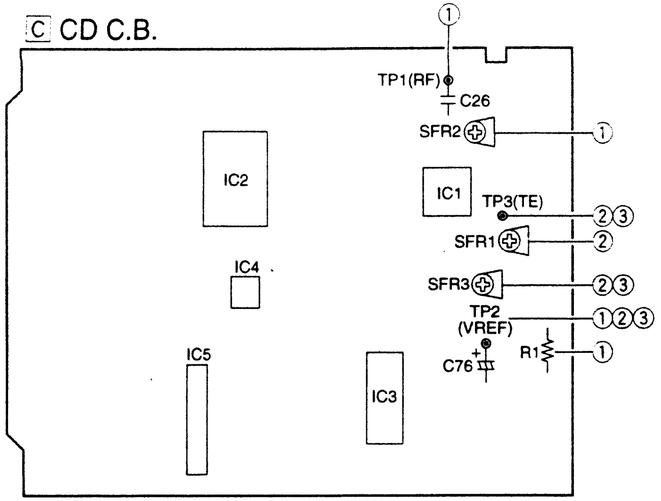
<TAPE SECTION>

12.Tape Speed Adjustment (DECK2)
Settings: · Test tape : TTA-100
· Test point : TP6
· Adjustment location : SFR401
Method: Play back the test tape, adjust SFR401 for 3000Hz ± 45Hz.

13.Azimuth Adjustment (DECK1, DECK2)
Settings: · Test tape : TTA-330
· Test point : TP6
· Adjustment location :Head azimuth adjustment screw
Method: Play back the 8kHz signal of the test tape and adjust screw so that the output becomes maximam.

14.REC/PB Frequency Response Adjustment (DECK2)
Settings: · Test tape : TTA-601
· Input AUX −28dB (1kHz/10kHz)
· Test point : TP6
· Input signal : 1kHz/10kHz (LINE IN)
· Adjustment location :SFR451 (Lch)
SFR452 (Rch)
Method: Record and play back the 1kHz and 10kHz signal and adjust SFRs so that the TP6 level of the 10kHz signal is 0dB ± 0.5dB with respect to that of the 1kHz signal.

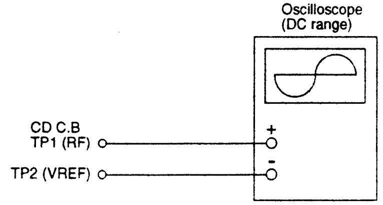
C CD C.B.



Note: Connect a probe (10:1) of the oscilloscope or the frequency counter to a test point.

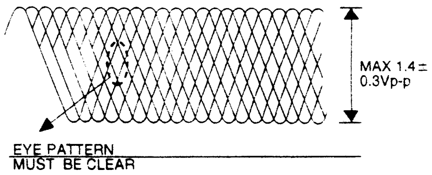
1. Focus Bias Adjustment

Make the focus bias adjustment when replacing and repairing the optical block.



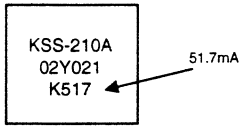
1) Connect an oscilloscope to the test point TP1 (RF) and TP2 (VREF).
2) Turn on the power switch.
3) Insert test disk TCD-782 (YEDS-18) and play back the second composition.
4) Adjust SFR2 so that RF signal of the test point TP1 (RF OUT) is MAX and CLEARREST.

RF signal waveform



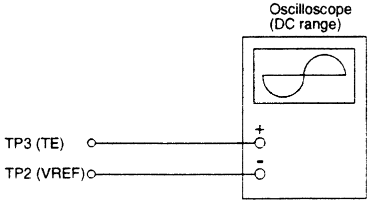
VOLT / DIV: 500mV
TIME / DIV: 1ms

Note: The current of the laser signal can be checked with the voltages on both sides of R1 (22Ω). The difference for the specified value shown on the level must be within ±6.0mA.

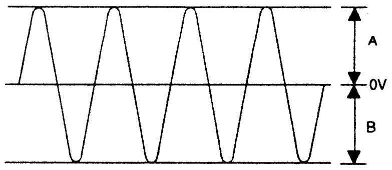


$$\text{Laser current Iop} = \frac{\text{Voltage across R1}}{22\ \Omega}$$

2. RADIAL Balance Adjustment.



1) Connect an oscilloscope to the test point TP3 (TE) and TP2 (VREF).
2) Turn on the power switch.
3) Insert test disk TCD-782 (YEDS-18) and press the PLAY button.
4) Connect the intermediate point of SFR1 to TP2 (VREF).
5) Adjust SFR3 so that the wave form on the oscilloscope is vertically symmetrical as shown in the figure below.
6) After the adjustment is completed, remove the connected lead wires form the terminals.



A=B

VOLT / DIV: 200mV
TIME / DIV: 1mS

3. RADIAL Gain Adjustment

A servo analyzer is necessary in order to perform this adjustment exactly. However, this gain has a margin, so even if it is slightly off, there is no problem. Therefore, do not perform this adjustment.

Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechanical shock when 2-axis device operates. However, as these reciprocate, the adjustment is at the point where both are satisfied.

When gain is raised, the noise increases when the 2-axis device operates increases.

When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.

When gain adjustment is off, the symptoms below appear.

Gain Symptoms	(Focus)	Tracking
· The time until music starts becomes linger for STOP ->▶PLAY or automatic selection (⏮ ⏭ buttons pressed) (Normally takes about 2 seconds)	Low	Low or High
· Music does not start and disk continus to rotae for STOP ->▶ PLAY or automatic selection (⏮ ⏭ buttons paessed)	–	Low
· Disc stop to rotate shortly after STOP ->▶ PLAY	Low or High	–
· Sound is interrupted during PLAY,or time counter display stop.	–	Low
· More noises during the 2-axis device operation.	High	High

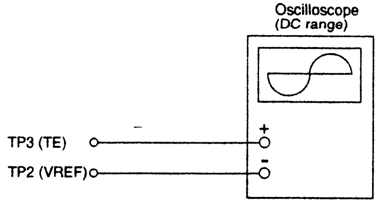
The following is simple adjustment method.

-------Simple adjustment-------

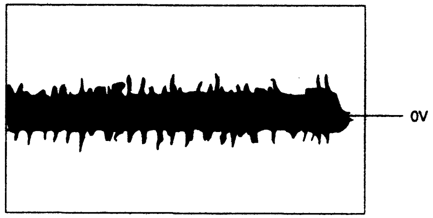
Note: Since exact adjustment cannot be performed, remember the positions of the controls before the performing the adjustment.

If the positions after the simple adjustment are only a little different, return the controls to the original position.

Procedure:



1. Keep the set horizonal. (If the set is not kept horizonatally, this adjustment cannot be performed due to the gravity gainst the 2-axis device.)
2. Insert test disk TCD-782 (YEDS-18) and play back the second composition.
3. Connect an oscillosope to TP3 (TE) of the CD C.B.
4. Adjust SFR3 so that the Waveform appears as shown in the figure below. (Tracking gain adjustment)

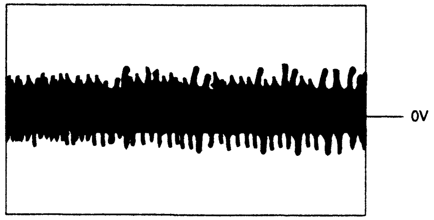


VOLT / DIV: 5mV
TIME / DIV: 1mS

Incorrect example

Low tracking gain

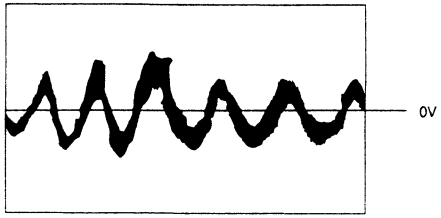
(The fundamental wave appears as compared with the waveform adjusttd)



VOLT / DIV: 5mV
TIME / DIV: 1mS

High tracking gain

(The frequency of the fundamental wave is higher than in low gain)



VOLT / DIV: 5mV
TIME / DIV: 1mS

PRACTICAL SERVICE FIGURE

TUNER SECTION

<FM SECTION>

IHF Sensitivity:	2dB±6dB
(THD 3%)	(87.5 / 98.0 / 108.0MHz)
S/N 50dB Quieting sensitivity:	
	32dB±5dB
	(87.5 / 98.0 / 108.0MHz)
Signal to noise ratio:	More than 62dB(98.0MHz)
Distortion:	Less than 1.5%(98.0MHz)
Stereo separation:	More than 25dB(98.0MHz)
Intermediate frequency:	10.7MHz

<MW SECTION>

Sensitivity:	55dB±7dB(603kHz)
(S/N 20dB)	53dB±6dB(999kHz)
	53dB±6dB(1404kHz)
Distortion:	Less than 2.0%(999kHz)
Intermediate frequency:	450kHz

<LW SECTION>

Sensitivity:	66dB±5dB(144kHz)
(S/N 20dB)	64dB±5dB(198kHz)
	64dB±5dB(290kHz)
Distortion:	Less than 1.5%(198kHz)
Intermediate frequency:	450kHz

TAPE SECTION

<FM SECTION>

Tape speed:	3000Hz±3.0%
Wow & flutter:	Less than 0.35%(RMS)
Take-up torque:	30 ~ 60g-cm(FWD. REV)
F.F torque:	55 ~ 140g-cm
Rew torque:	55 ~ 140g-cm
Back tension:	2 ~ 5g-cm
PB Output level:	1250±300mV(TP6)
REC / PB Output level:	800mV±2.0dB(TP6)
Distortion(REC / PB):	Less than 2.0%(NORM)
Nois level(PB):	Less than 5mV(TP6)
Nois level(REC / PB):	Less than 8mV(TP6)
Crosstalk:	More then 55dB
Erasing ratio:	More then 55dB
Channel separation:	More then 35dB
REC bias frequency:	85kHz
Test tape:	NORMAL TTA-601 / 600
	NORMAL TTA-200

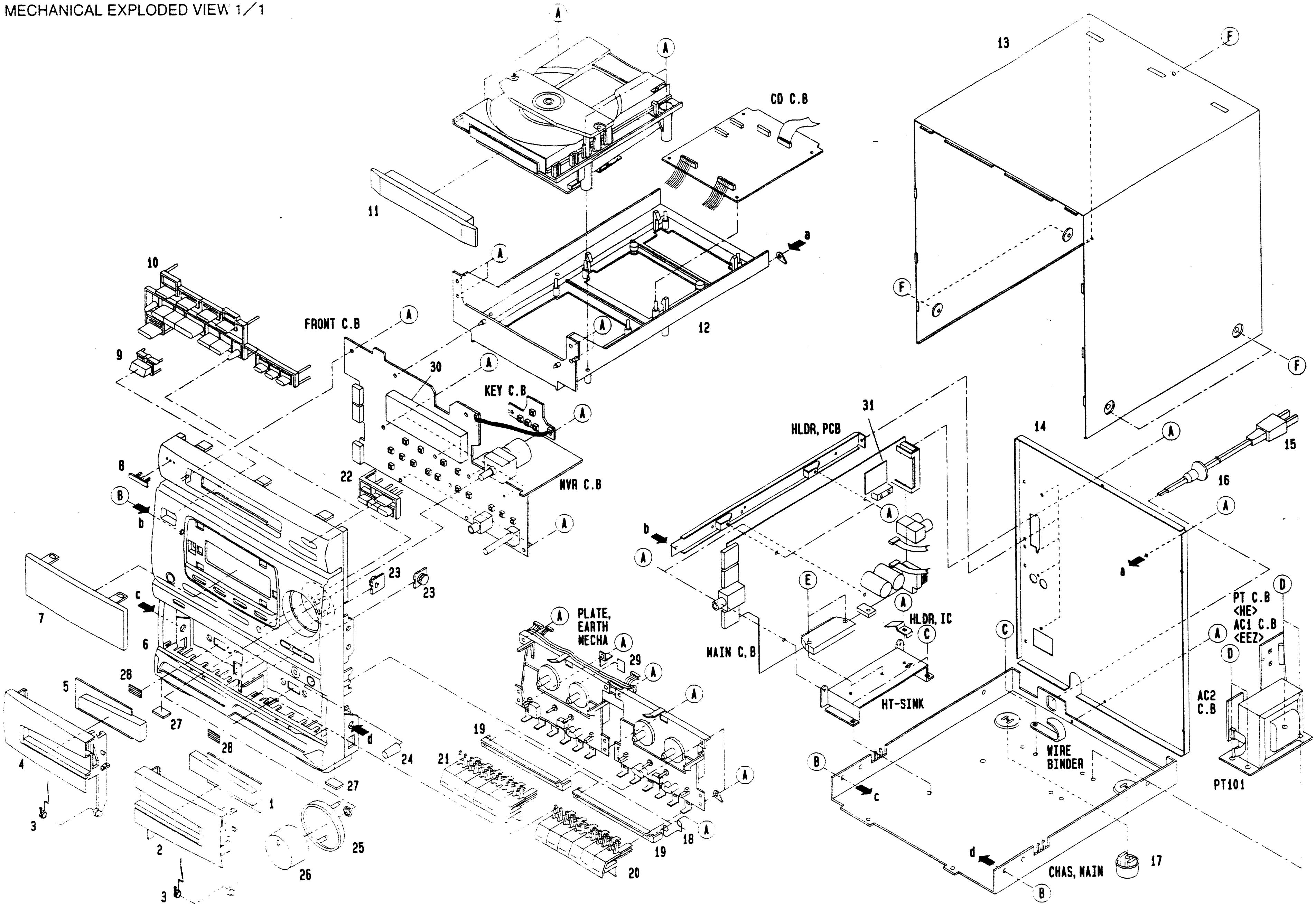
See the NSX-270, CX-N270, CX-N2700
(S/M Code No.09-943-050-20K)
for the IC DESCRIPTION below.

NSX-270, CX-N270, CX-N2700	CX-NV8
CXD2517Q	CXD2517Q
CXA1782AQ	CXA1782AQ
μPD78043GF-057	μPD78043GF-057

See the NSX-270, CX-N270, CX-N2700
(S/M Code No.09-943-050-20K)
for the IC BLOCK DIAGRAM below.

NSX-270, CX-N270, CX-N2700	CX-NV8
BA6397FP	BA6397FP
TC4094BP	TC4094BP
LM7001	LM7001
TA7291S	TA7291S
TC4052BF	TC4052BF
KIA6043S	KIA6043S
LA1265G	LA1265S
TDA1311A(T)	TDA1311A(T)

MECHANICAL EXPLODED VIEW 1/1



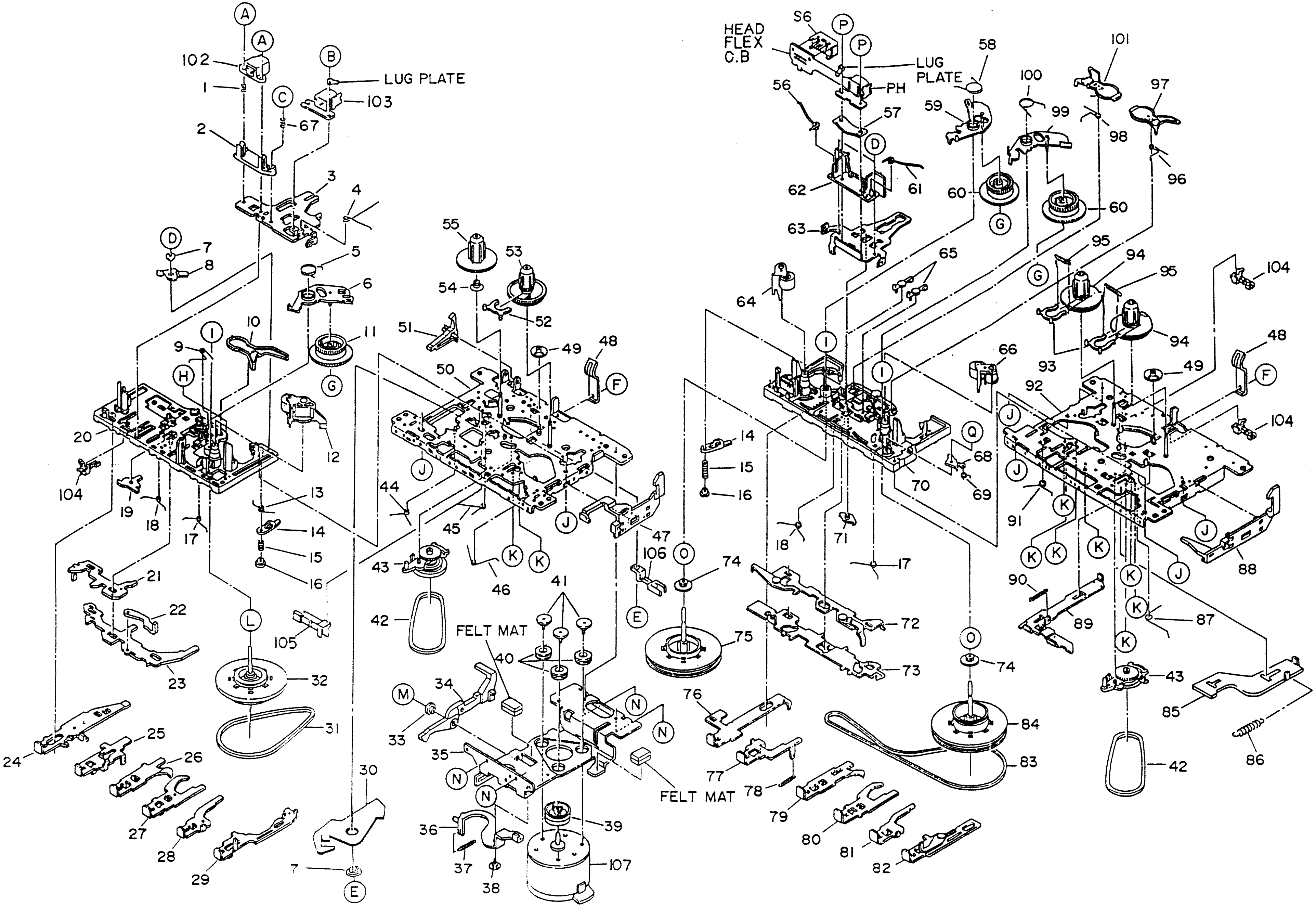
A
13
F
CD C.B
11
a
10
FRONT C.B
12
9
30
KEY C.B
31
HLDR, PCB
14
15
8
22
NVR C.B
B
b
16
7
c
23
E
HLDR, IC
C
PT C.B
<HE>
AC1 C.B
<EEZ>
D
PLATE,
EARTH
MECHA
29
MAIN C,B
6
28
5
27
d
HT-SINK
AC2
C.B
24
21
19
4
WIRE
BINDER
PT101
1
18
3
2
25
26
20
CHAS, MAIN
17

MECHANICAL PARTS LIST 1／1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	82-NF7-013-010		WINDOW CASS 2
2	83-NEA-070-010		BOX, CASS 2 V8〈EEZ〉
2	83-NEA-075-010		BOX, CASS 2V8H〈HE〉
3	82-NF7-218-010		SPR-T, CASS
4	83-NEA-069-010		BOX, CASS 1 V8〈EEZ〉
4	83-NEA-074-010		BOX, CASS 1V8H〈HE〉
5	82-NF7-012-010		WINDOW CASS 1
6	83-NEA-064-010		CAB, FR V8〈EEZ〉
6	83-NEA-073-010		CAB, FR V8HE〈HE〉
7	82-NF7-011-010		WINDOW DISPLAY
8	82-NE8-032-010		BADGE AIWA 27.5
9	82-NF7-006-010		KEY, POWER
10	82-NF7-007-010		KEY, FUN
11	83-NEA-065-010		PANEL, TRAY V8
12	83-NEA-201-310		HLDR, CD
13	82-NF5-017-310		CAB, STEEL
14	83-NEA-066-010		PANEL, REAR EEZBN V8〈EEZ〉
14	83-NEA-072-010		PANEL, REAR HEJBN8〈HE〉
⚠ 15	87-050-034-010		AC CORD ASSY, E
16	87-085-185-010		BUSHING, AC CORD E
17	87-085-221-010		FOOT, H 13.5
18	82-NF7-217-010		SPR-T, EARTH
19	82-NF7-204-010		HLDR, KEY
20	82-NF7-009-010		KEY, CASS 2
21	82-NF7-019-010		KEY, CASS REC
22	83-NEA-016-010		KEY, OPEN
23	87-063-164-010		OIL-DMPR 80
24	81-MX4-019-010		KNOB, MIC
25	82-NF7-014-010		RING, VOL〈HE〉
25	82-NF7-039-010		RING, VOL BLK〈EEZ〉
26	83-NEA-067-010		KNOB, VOL V8
27	80-VT1-202-010		FELT, 12.5-15.5-2
28	81-532-080-010		LBL, CASS-COMPT
29	81-584-246-010		MYLAR 5-10
30	82-NF7-210-010		GUIDE, FL
31	81-NKB-655-010		SHILD PLATE Z
A	87-067-703-010		BVT2+3-10 (W/O SLOT)
B	87-591-094-410		QIT+3-6 GOLD
C	87-067-688-010		BVTT+3-6
D	87-078-019-010		S-SCREW, IT+4-6
E	87-067-698-010		BVT 2+3-18 (W/O SLOT)
F	87-067-641-010		UTT2+3-8 W/O SLOT BLK

TAPE MECHANISM EXPLODED VIEW 1/1


A
A
102
1
B
LUG PLATE
103
C
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2
3
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D
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G
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K
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106
E
43
42
41
FELT MAT
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M
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107
HEAD FLEX C.B
S6
P
P
LUG PLATE
PH
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101
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96
D
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K
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87
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FELT MAT
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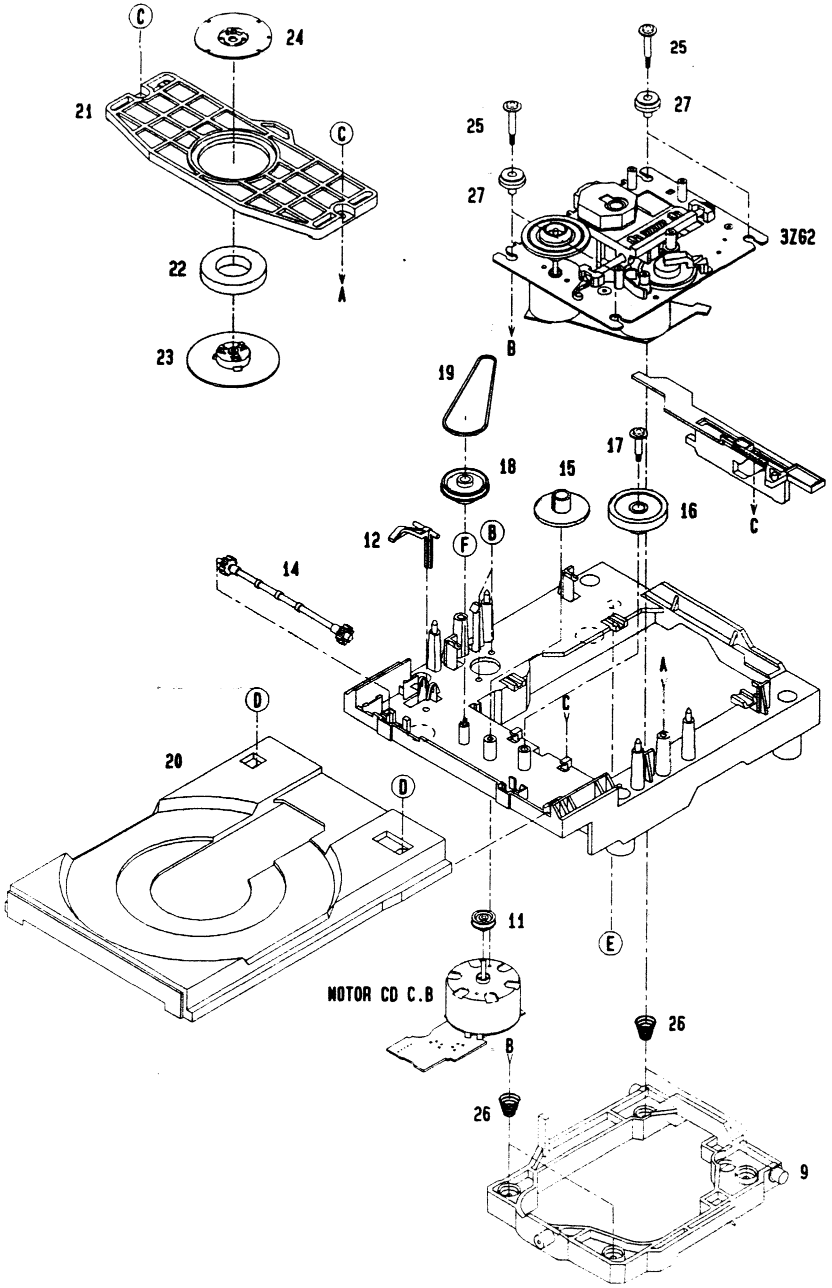
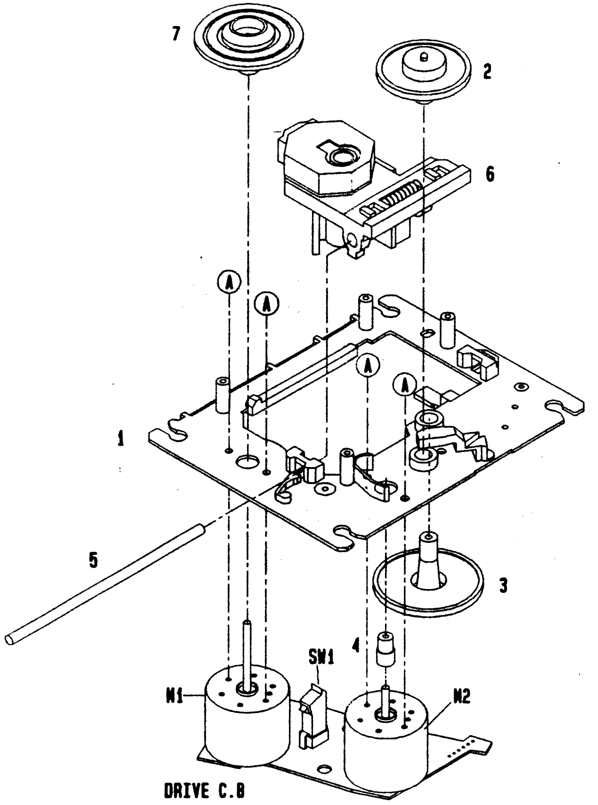
82

TAPE MECHANISM PARTS LIST 1／1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	S1-821-030-080		EH. SPRING
2	S1-921-030-060		HEAD BASE
3	S1-921-030-140		HEAD PANEL
4	S1-921-030-090		PANEL P SPR
5	S1-921-260-050		GEAR PLATE SPRING
6	S1-921-265-020		GEAR PLATE ASSY
7	S1-921-140-370		P ARM COLLAR
8	S1-921-140-340		P ARM
9	S1-921-141-8A0		M CONTROL SPPRING
10	S1-921-260-4A0		SENSING LEVER
11	S1-921-260-020		CAM GEAR
12	S1-921-043-100		PINCH ROLLER ARM ASSY
13	S1-921-141-3A0		P CONTROL SPRING
14	S1-921-140-820		PAUSE LEVER(F)
15	S1-921-140-120		PAUSE LEVER SPRING
16	S1-921-140-110		PAUSE STOPPER
17	S1-921-140-150		BUTTON LEVER SPRING (B)
18	S1-921-140-140		BUTTON LEVER SPRING (A)
19	S1-921-140-200		PR STOPPER
20	S1-921-143-180		BASE ASSY
21	S1-921-140-090		SWITCH ACTUATOR
22	S1-921-140-640		E KICK LEVER
23	S1-921-140-080		PUSH BUTTON ACTUATOR
24	S1-921-140-220		REC BUTTON LEVER
25	S1-921-140-230		PLAY BUTTON LEVER
26	S1-921-140-240		REW BUTTON LEVER
27	S1-921-140-250		FF BUTTON LEVER
28	S1-921-140-260		STOP BUTTON LEVER
29	S1-921-140-610		PAUSE BUTTON LEVER
30	S1-921-020-010		REC ARM
31	S1-821-121-730		MAIN BELT
32	S1-921-093-050		FLYWHEEL ASSY
33	S1-821-120-650		COLLAR SCREW(B)
34	S1-921-120-250		P KICK LEVER(B)
35	S1-851-140-070		MOTOR BRACKET
36	S1-851-140-060		P KICK LEVER(A)
37	S1-851-140-040		SPR P KICK LEVER
38	S1-821-120-230		PK, COLLAR SCREW(A)
39	S1-959-120-010		MOTOR PULLEY
40	S1-821-120-660		MOTOR RUBBER
41	S1-851-140-180		MOTOR COLLAR SCREW
42	S1-821-070-110		RF, BELT
43	S1-959-073-010		RF CLUTCH ASSY
44	S1-921-140-170		P. S. LEVER SPRING
45	S1-921-140-210		RECBUTTON LEVER SPR
46	S1-921-140-160		E ACTUATOR SPRING
47	S1-921-130-030		EJECT SLIDE LEVER
48	S1-829-100-010		SPR, PACK
49	S1-821-100-700		FF GEAR
50	S1-921-145-010		CHASSIS ASSY
51	S1-821-100-690		REC SAFETY LEVER
52	S1-921-050-060		SENSOR
53	S1-921-053-030		TAKE UP REEL ASSY
54	S1-821-100-990		SPR, BACK TENSION
55	S1-921-055-040		SUPPLY REEL ASSY
56	S1-959-040-040		SPR, P. ROLLER ARM(R)
57	S1-851-040-050		PLATE HEAD SPR
58	S1-959-260-050		GEAR PLATE SPR(R)
59	S1-959-265-020		GEAR PLATE(R)ASSY
60	S1-959-260-030		CAM GEAR
61	S1-959-040-020		SPR, P. ROLLER ARM(F)
62	S1-959-030-030		HEAD BASE
63	S1-959-030-010		HEAD PANEL
64	S1-959-043-040		PINCH ROLLER ARM(R)ASSY
65	S1-959-260-080		M CONTROL ARM
66	S1-959-043-030		RINCH ROLLER ARM(F)ASSY
67	S1-821-030-070		AZIMUTH SPRING
68	S1-959-140-090		ROTARY ARM
69	S1-959-140-270		ROTARY SPRING
70	S1-959-143-010		BASE ASSY
71	S1-959-140-230		PR STOPPER
72	S1-959-145-010		ACXTUATOR ASSY
73	S1-959-140-260		SLIDE PLATE
74	S1-921-090-100		FL GEAR
75	S1-959-093-040		FLYWHEEL(R)ASSY
76	S1-959-140-170		MODE BUTTON LEVER(S)
77	S1-959-140-160		PLAY BUTTON LEVER(S)
78	S1-959-030-020		SPR, PLATE
79	S1-959-140-150		FF BUTTON LEVER(RS)
80	S1-959-140-140		FF BUTTON LEVER(FS)
81	S1-959-140-130		STOP BUTTON LEVER(S)
82	S1-959-143-030		PROG BUTTON LEVER(S)ASY
83	S1-851-140-170		MAIN BELT
84	S1-959-093-0S0		FLYWHEEL(F)ASSY
85	S1-959-150-020		MUTING PLATE SP
86	S1-959-150-010		MUTING PLATE
87	S1-959-140-200		SPR, EV ACTUATOR
88	S1-959-130-020		EJECT SLIDE LEVER(S)
89	S1-959-010-020		MAIN PLATE
90	S1-959-010-030		SPR, MAIN PLATE
91	S1-959-140-220		SPR, PM BUTTON LEVER
92	S1-959-015-010		CHASSIS ASSY
93	S1-959-050-010		SENSOR
94	S1-921-053-090		TAKE UP REEL ASSY
95	S1-959-050-040		SPRING
96	S1-959-260-090		M CONTROL SPR(F)
97	S1-959-260-060		SENSING LEVER(F)
98	S1-959-260-010		M CONTROL SPR(R)
99	S1-959-265-010		GEAR PLATE(F)ASSY
100	S1-959-260-040		GEAR PLATE SPR(F)
101	S1-959-260-070		SENSING LEVER(R)
102	S6-202-140-190		E HEAD LE15B-C1
103	S6-201-010-750		R. P. HEAD RP-7442BS-0951
104	S6-401-011-490		LEAF SW MSW-1541T
105	S6-401-010-380		LEAF SWITCH MSW-1275
106	S6-401-011-610		LEAF SW MSW-17820-MVE1
107	S6-002-030-290		MOTOR EG-530YD-2BH
A	S9-P17-205-710		SCREW, M2-7. 5
B	S9-B01-200-310		SCREW, +2-3
C	S9-F08-200-710		SCREW, M2-7
D	S9-C04-202-530		S-SCREW, TAP 2-2. 5
E	S9-P04-200-500		SCREW, TAP M2-5
F	S9-P04-200-310		SCREW, TAP M2-3
G	S9-W06-300-030		HLW CUT 1. 2-3. 8-0. 3
H	S9-P05-200-610		S-SCREW, TAP 2-6
I	S9-W06-500-020		HLW CUT 1. 45-3. 8-0. 5
J	S9-B10-200-510		SCREW, TAP 2-5
K	S9-C07-204-510		SCREW, TAP 2-4. 5
L	S9-W01-400-100		PW 2-3. 5-0. 4
M	S9-P04-200-610		SCREW, TAP M2-6
N	S9-P04-200-410		C TAPPING SCREW M2-4
O	S9-W05-300-100		HLW 2. 1-3. 5-0. 3
P	S9-P14-200-630		S-SCREW, M2-6 BLK
Q	S9-E01-001-520		E RING S1. 5

CD MECHANISM EXPLODED VIEW 1／1


C
24
21
C
22
A
23
25
27
25
27
3ZG2
B
19
18
17
15
16
13
C
12
F
B
14
D
10
20
D
A
C
11
E
MOTOR CD C.B
26
B
26
9


7
2
6
A
A
A
A
1
5
3
SW1
4
M1
M2
DRIVE C.B

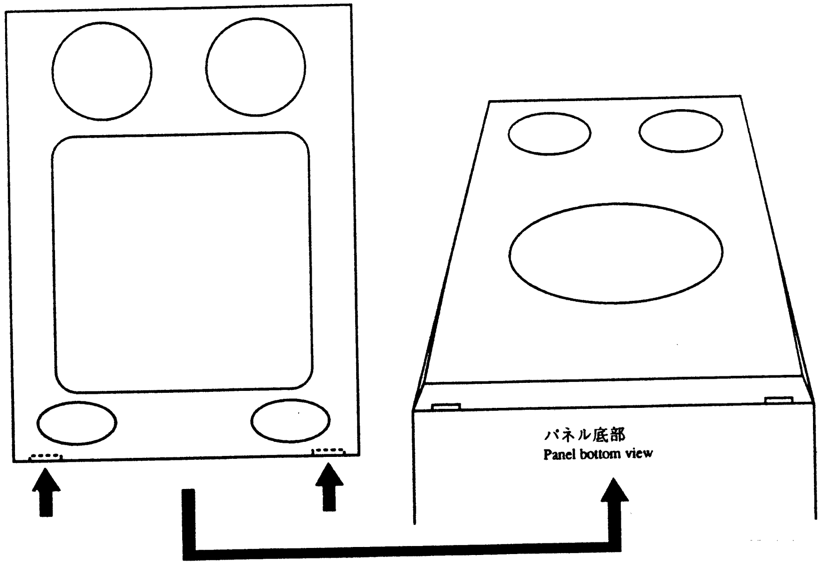
CD MECHANISM PARTS LIST 1／1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	83-ZG2-202-01K		O-SERT S ASSY, S
2	83-ZG2-204-01K		GEAR, A
3	83-ZG2-205-01K		GEAR, B
4	83-ZG2-206-01K		GEAR, MOTOR
5	83-ZG2-207-019		SHAFT, SLIDE
6	87-017-743-019		PICK UP UNIT, KSS210A
7	83-ZG2-208-01K		TURN TABLE
9	83-ZG3-202-01K		HLDR, MECH
10	83-ZG3-201-01K		CHAS, L
11	83-ZG3-208-01K		PULLEY, MOTOR
12	83-ZG3-213-01K		LVR, SW
13	83-ZG3-209-01K		CAM, SLIDE
14	83-ZG3-207-01K		GEAR, TRAY
15	83-ZG3-204-01K		GEAR, C
16	83-ZG3-205-01K		GEAR, D
17	83-ZG3-217-019		S-SCREW, GEAR D
18	83-ZG3-220-11K		GEAR, PULLEY 2
19	83-ZG3-214-019		BELT, L
20	83-ZG3-203-01K		TRAY, CD
21	83-ZG3-210-01K		HLDR, CHUCK
22	83-ZG3-602-010		RING, MAG
23	83-ZG3-212-01K		CAP, DISC
24	83-ZG3-211-01K		PLATE, DISC
25	81-ZG1-254-019		S-SCEW, MECH HLDR
26	83-ZG3-216-019		SPR-C, L
27	83-ZG3-215-019		CUSH-G, MAIN
A	87-261-032-219		SCREW V + 2 - 3
B	87-251-071-119		U+2.6-4
C	87-512-074-219		VFT2+2.6-8
D	87-352-075-219		VT2+2.6-10
E	87-067-945-119		VFT2+3-12(F10)
F	80-ZM6-250-019		PW 4.8-8.5-0.13

DISASSEMBLY INSTRUCTIONS

矢印の位置にマイナスドライバーを差し込んで、パネルをはずして、各々のスピーカー・ユニットのビスを取り、スピーカー・ユニットをはずしてください。

Insert a flat - bladed screwdriver into the position indicated by the arrows and remove the panel.
Remove the screws of each speaker unit and then remove the speaker units.



■ SPEAKER PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	83-NS8-001-010		PANEL FR R
2	83-NS8-002-010		PANEL FR L
3	83-NS8-007-010		GRILL FRAME ASSY
4	83-NS8-602-010		SPEAKER WOOFER
5	83-NS8-604-010		SPEAKER TWEETER
6	82-MSE-610-010		CERAMIC
7	83-NS8-009-010		DIAPHRAGM
8	83-096-614-010		SPEAKER CORD

■ ACCESSORIES／PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	83-NEA-904-110		IB,H(S)<HE>
1	83-NEA-913-010		IB,H(S)-V8<EEZ>
2	83-NEA-914-010		IB,E(S)-V8<EEZ>
2	83-NEA-915-010		IB,H-ECA(S)-V8<HE>
3	83-NEA-701-010		RC,RC-TN270
4	87-006-268-010		AM-LOOP ANT NC(UN)
5	87-043-115-010		ANT,FEEDER FM<HE>
5	87-043-106-010		FM,WIRE ANT(Z)<EEZ>
6	87-042-062-010		PLUG,ADPTR S-I6115<HE>

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, CERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
サージサプレッサ	SERGESUPPRESSOR
セラコン	CAP,CERA

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTROL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOAD MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ジグアーム	ARM,SHAFT
ジグガイド	GUIDE,SHAFT
ストラップ	STRAP
トクナベ	S-SCREW
ヒンジ	HINGE
ヒンジビス	S-SCREW
ビスセレート	SCREW,SERRART